Academic Genealogy of the NDSU Department of Chemistry, Biochemistry and Molecular Biology

Petrus Ramus
MA Paris 1536

Henricus Brucaeus
College Royal, Paris ~1550

Petrus Pauw
MD Rostock 1587

Menelaus Winsemius
MD Leiden 1613

Johannes Antonides van der Linden
MD Franeker 1630

Petrus Hoffvenius
MD Leiden 1660

Petrus Elvius
MA Uppsala 1688

Anders Gabriel Duhre
Uppsala ~1739

Marten Strömer
Uppsala ~1730

Samuel Klingenstierna
LLB Uppsala 1717

Bengt Ferrner
Uppsala ~1751

Tobern Olof Bergman
PhD Uppsala 1758

Johann Afzelius
MS Uppsala 1776

Jons Jacob Berzelius
MD Uppsala 1802

James Finlay Weir Johnston
Uppsala 1833

To Liebig

John Pitkin Norton
MA(hon) Yale 1846

Samuel William Johnson
MA(hon) Yale 1857

Oscar Dana Allen
PhD Yale 1871

Russell Henry Chittenden
PhD Yale 1880

Horace Lemuel Wells
PhD Yale 1877

Lafayette Benedict Mendel
PhD Yale 1893

Horace Lemuel Wells
PhD Yale 1877

William J. Comstock
PhB Yale 1879

Henry Lord Wheeler
PhD Yale 1893

Henry Lord Wheeler
PhD Yale 1893

Robert Eccles Swain
PhD Yale 1904

Treat Baldwin Johnson
PhD Yale 1901

William Draper Harkins
PhD Stanford 1907

Treat Baldwin Johnson
PhD Yale 1901

William Tudor Pearce
PhD Chicago 1916
NDSU 1916 - 1926

John Joseph Donleavy
PhD Yale 1920

James English Jr.
PhD Yale 1936

Heinrich Rose
PhD Kiel 1821

Elmer Verner McCollum
PhD Yale 1906

John Franklin Lyman
PhD Yale 1909

Howard Elliot Zimmerman
PhD Yale 1953

Horace Loring White
PhD Wisconsin 1917
NDSU 1908 - 1917

David Wright Wilson
PhD Yale 1914

Cecil Cooper
PhD Penn 1954

Reuben Dennis Rieke
PhD Wisconsin 1966
NDSU 1976-1977

Charles Frederick Chandler
PhD Göttingen 1856

Marston Taylor Bogert
PhB Columbia 1894

George Denton Beal
PhD Columbia 1911

Duane Taylor Englis
PhD Illinois 1916

Wilhelm Heinrich Heintz
PhD Berlin 1844

Donald J. Hanahan
PhD Illinois 1944

Gary Duane Small
PhD Case Western 1965

Alden L. Crittenden
PhD Illinois 1948

Irving Shain
PhD Washington 1953

Robert Benjamin Sparks, Jr.
PhD South Dakota 1972
NDSU 1985 -

James Leroy Anderson
PhD Wisconsin 1974
NDSU 1978 - 1980

Johannes A. Wislicenus
PhD Zürich 1861

Max August Siegfried
PhD Leipzig 1887

Arthus Rudolf Hantzsch
PhD Würzburg 1880

Richard Sydney Curtiss
PhD Würzburg 1892

John James Rickard MacLeod
ChB Aberdeen 1898

Israel Lyon Chaikoff
PhD Toronto 1928

Sir Isidor Morris Heilbron
PhD Leipzig 1909

John Anton Kostalek
PhD Illinois 1910
NDSU 1918-1919

Samuel Ruben
PhD Berkeley 1938

Thomas Hughes Norris
PhD Berkeley 1942

Sir Derek Harold R. Barton
PhD London 1942

Ray Locke McDonald
PhD Oregon State 1960
NDSU 1961-1965

James Briggs Hendrickson
PhD Harvard 1955

James Joseph Sims
PhD UC Los Angeles 1964

Stephen Castellino
PhD UC Riverside 1984
NDSU 1992 - 1996

Salih Jawad Wakil
PhD Washington 1952

Benjain Moseley Waite
PhD Duke 1963

Richard Carl Franson
PhD Wake Forest 1973

Glenn Paul Dorsam
PhD Virgina Commonwealth 1998
NDSU 2004 -

Karl Gotthelf Lehmann
Leipzig 1835

Ernst Felix Hoppe-Seyler
MD Leipzig 1851

Karl M. L. Albrecht Kossel
PhD Strasbourg 1881

Albert Prescott Mathews
PhD Columbia 1898

Edwin Bret Hart
BS Michigan 1897

Hugh McGuigan
PhD Chicago 1906
NDSU 1898 - 1902

William Harold Peterson
PhD Wisconsin 1913

Victor Emanuel Nelson
MS Wisconsin 1914

Harry Steenbock
PhD Wisconsin 1916

Perry William Wilson
PhD Wisconsin 1932

Robert Harza Burris
PhD Wisconsin 1940

Louis Theodore Anderegg
PhD Iowa State 1924
NDSU 1956 - 1959

Carl Owen Clagett
PhD Wisconsin 1947
NDSU 1947 - 1956

Roger B. Meintzer
PhD Wisconsin 1954
NDSU 1957 - 1960

Elias Rudolph Camerarius, Sr.
MD Tubingen 1663

Elias Rudolph Camerarius, Jr.
MD Tubingen 1691

Burchard David Mauchart
LicMed Tubingen 1722

Philipp Friedrich Gmelin
MD Tubingen 1742

Johann Friedrich Gmelin
MD Tubingen 1769

Georg Friedrich Hildebrandt
MD Göttingen 1783

Johann Salomo Christoph Schweigger
PhD Erlangen 1800

Wilhelm Eduard Weber
PhD Halle 1826

To Ostwald

Friedrich Wilhelm Georg Kohlrausch
PhD Göttingen 1863

Walther Hermann Nernst
PhD Würzburg 1887

From Bonhoeffer

Johannes Fredrick Gronovius II
Leiden 1715

Laurent Theodor Gronovius II
MD Leiden ~1750

Nicolas Joseph Jacquin
Leiden ~1752

Joseph Franz Jacquin
MD Vienna 1788

Antoine Francois de Fourcroy
MD Paris 1780

Louis Nicolas Vauquelin
MA Paris 1790

Friedrich Stromeyer
MD Gottingen 1800

Leopold Gmelin
PhD Göttingen 1812

Friedrich Wöhler
MD Heidelberg 1823

To Stock

To Harcourt

Hans Julius A. E. Hubner
PhD Göttingen 1859

Edgar Fahs Smith
PhD Göttingen 1876

Joel Henry Hildebrand
PhD Penn 1906

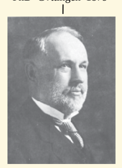
Otto Wallach
PhD Göttingen 1869

Walter Norman Haworth
PhD Göttingen 1910

Fred Smith
PhD Birmingham 1935

Harold Joseph Klosterman
PhD Minnesota 1955
NDSU 1946 - 1988

Stephan Moulton Babcock
PhD Göttingen 1879



"The Father of NDSU Chemistry"

Edwin Fremont Ladd
BS Maine 1884
NDSU 1890 - 1920

Harmon Northrop Morse
PhD Göttingen 1875

Thorfin Rusten Hogness
PhD Berkeley 1921

B. Smith Hopkins
PhD Johns Hopkins 1906

Harry Clay Jones
PhD Johns Hopkins 1892

Leonard Francis Yntema
PhD Illinois 1921

Simon Harvey Bauer
PhD Chicago 1935

James Newton Pearce
PhD Johns Hopkins 1921

Charles Wesley Fleetwood
PhD St. Louis 1937
NDSU 1946 - 1978

Richard Lee Hiderbrandt
PhD Cornell 1969
NDSU 1974 - 1986

William George Eversole
PhD Iowa 1924

Dallas Smith Dedrick
PhD Iowa 1931
NDSU 1931 - 1939

Heinrich Franz P. Limpricht
PhD Göttingen 1850

Wilhelm Rudolph Fittig
PhD Göttingen 1858

Ira Remsen
PhD Göttingen 1870

To Richards

Elmer Peter Kohler
PhD Johns Hopkins 1892

James Flack Norris
PhD John Hopkins 1895

James Bryant Conant
PhD Harvard 1916

Henry Gilman
PhD Harvard 1918

Avery Allen Ashdown
PhD MIT 1924

Louis Frederick Fieser
PhD Harvard 1924

Robert A. Benkeser
PhD Iowa State 1948

Paul Doughty Bartlett
PhD Harvard 1931

Corliss Robert Kinney
PhD Harvard 1925

Robert Burns Woodward
PhD MIT 1937

Alex Nickon
PhD Harvard 1953

Roland George Severson
PhD Purdue 1951

George Simms Hammond
PhD Harvard 1947

Donald Schwartz
PhD Penn State 1955
NDSU 1959 - 1969

Askel Arnold Bothner-By
PhD Harvard 1949

Ronald C. D. Breslow
PhD Harvard 1955

Andrew Paul Krapcho
PhD Harvard 1958

Robert Howard Grubbs
PhD Columbia 1968

Bradford Philip Mundy
PhD Vermont 1966

Robert Shing-Hei Liu
PhD Cal Tech 1965

Vaidhyanathan Ramamurthy
PhD Hawaii 1974

Sivaguru Jayarman
PhD Tulane 2003
NDSU 2006 -

Bruce James Hrnjez
PhD Johns Hopkins 1986
NDSU 1986 - 1998

Frederick Hjalmer Sands
DEd North Dakota 1960
NDSU 1945 - 1980

David Lemal
PhD Havard 1959

John Robert Stille
PhD CalTech 1986

Robert Lichter
PhD Wisconson 1967

Richard Green
MS NDSU 1963
NDSU 1972 - 1974

James Turner Rudesill
PhD Purdue 1957
NDSU 1957 - 1990

Gregory Richard Cook
PhD Michigan State 1993
NDSU 1996 -

Kenneth Barry Lipkowitz
PhD Montana State 1975
NDSU 2003 - 2004

Mukund P. Sibi
PhD City Univ. New York 1980
NDSU 1987 -

Harold Bailey Dixon
MA Oxford 1875

Herbert Brereton Baker
MA Oxford 1884

Harry Julius Emeleus
DSc London 1929

Sir Geoffrey Wilkinson
PhD Imperial 1946

Alan Frank Clifford
PhD Delaware 1949

Almon George Turner, Jr.
PhD Purdue 1958
NDSU 1958 - 1959

Richard Atherley Jones
PhD Imperial 1978

David Allan Atwood
PhD UT Austin 1992
NDSU 1994 - 1998

John Anthony Osborn
PhD Imperial 1966

John Roger Shapley
PhD Harvard 1972

David Hughes Hamilton
PhD Illinois 1999
NDSU 2001 - 2005

Thomas Edward Thorpe
PhD Heidelberg 1868

Henry Vincent Aird Briscoe
AB London 1909

Walther Matthias Hempel
PhD Heidelberg 1873

Louis Munroe Dennis
BS Michigan 1886

Arthur Wesley Brown
PhD Cornell 1903

Eugene George Rochow
PhD Cornell 1935

Emile Monnin Chamot
PhD Cornell 1897

Robert Culbertson West
PhD Harvard 1954

Ludwig Frederick Audrieth
PhD Cornell 1926

Frederick Raymond Georgia
PhD Cornell 1924

Harry Hall Sisler
PhD Illinois 1939

Philip Raymond Boudjouk
PhD Wisconson 1971
NDSU 1973 -

Russell Stephan Drago
PhD Ohio State 1954

Ronald Orlando Ragsdale
PhD Illinois 1960

Charles Franklin Poe
PhD Cornell 1926

Roy George Garvey
PhD Utah 1966
NDSU 1966 - 2006

Joseph Jarred Tregoning
PhD Colorado 1936
NDSU 1929 - 1934

Robert Wilhelm Eberhard Bunsen
PhD Gottingen 1830

Carl Friedrich W. Ludwig
MD Marburg 1840

Viktor Meyer
PhD Berlin 1867

From Gomberg

Josef Stefan
PhD Vienna 1858

To Ostwald

William Lash Miller
PhD Munich 1890
PhD Leipzig 1892

Ludwig Eduard Boltzmann
PhD Vienna 1866

Ellis Ingham Fulmer
PhD Toronto 1919

Paul Ehrenfest
PhD Vienna 1904

Theodore Ray Wendland
PhD Iowa State 1937
NDSU 1947 - 1955

Robert Hampton Peterson
MS NDSU 1950
NDSU 1950 - 1971

Marshall Everett Smith
PhD Florida 1936
NDSU 1936 - 1937

Holten

Christian Christiansen
PhD Copenhagen 1866

Niels Henrik David Bohr
PhD Copenhagen 1911

Hendik Anthony Kramers
PhD Leiden 1919

Luitzen Johannes Oosterhoff
PhD Leiden 1950

Hendrik F. Hameka
PhD Leiden 1956

James W. McIver, Jr.
PhD Pennsylvania 1966

Michael John Page
PhD SUNY Buffalo 1982
NDSU 1992 -

To Liebig

Heinrich Will
PhD Giessen 1839

Friedrich August Kekule
PhD Giessen 1852

From Franchimont

Adolf Johann Friedrich Wilhelm Ritter von Baeyer
PhD Berlin 1858

Emil Hermann Fischer
PhD Strasbourg 1874

From Leuches

Carl Theodore Liebermann
PhD Berlin 1865

Alfred Stock
PhD Berlin 1899

From Emeleus

Fritz Haber
PhD Techn. Hoch. Berlin 1891

To Nernst

Karl Friedrich Otto Hans Bonhoeffer
PhD Berlin 1922

John Ulric Nef
PhD Munich 1886

From McPherson

Heinz Gerischer
Dr. rer. nat. Leipzig 1946

Gerhard Ertl
Dr. rer. nat. Munich 1965

Horst Conrad
PhD Munich 1976

Uwe Burghaus
PhD FHI Berlin 1995
NDSU 2003 -

James Harvey Ransom
PhD Chicago 1899

William Lloyd Evans
PhD Chicago 1905

Homer Burton Adkins
PhD Ohio State 1918

Ralph Emory Nelson
PhD Chicago 1918

Cash Blain Pollard
PhD Purdue 1930

John W. E. Glattfeld
PhD Chicago 1913

Milton Theodore Hanke
PhD Chicago 1917
NDSU 1916 - 1917

Ralph Edwin Dunbar
PhD Wisconsin 1958
NDSU 1937 - 1960

Frederick J. Ferrin
MS NDSU 1949
NDSU 1948 - 1951

Wood

John Bell
Edinburgh 1786

John Barclay
MD Edinburgh 1796

William Sharpey
MD Edinburgh 1823

Michael Foster
MD London Univ. 1859

John Newport Langley
BA Cambridge 1875

Walter Morley Fletcher
MD Cambridge 1898

Archibald Vivian Hill
MA Cambridge 1909

Ralph Howard Fowler
PhD Cambridge 1915

John Edward Lennard-Jones
PhD Cambridge 1924

John Anthony Pople
PhD Cambridge 1951

Mark Stephan Gordon
Ph.D. Carnegie-Mellon 1968
NDSU 1970 - 1992

Duoyuan Wang
PhD Inst. of Photogr. Chem.

Wenfang Sun
PhD Inst. of Photogr. Chem. 1995
NDSU 2001 -

Christophle Glaser
MD Basel ~1640

Nicolas Lemery
Apothecary Paris ~1667

J. G. Spitzley
Apothecary Paris

Guillaume Francois Roulle
Apothecary Paris 1725

From Tingry

Pierre Joseph Macquer
MD Paris 1742

"The Father of Modern Chemistry"
Antoine Laurent Lavoiser
LLB Paris 1764

Jean Baptiste Michel Bucquet
MD Paris 1770

Claude Louis Berthollet
MD Paris 1778

Stupaeus

Franciscus de la Boë (Sylvius)
MD Basel 1637

Burchard de Volder
MD Leiden 1664

Hermann Boerhaave
MD Harderwijk 1693

Andrew Plummer
MD Leiden 1722

William Cullen
MD Glasgow 1740

Joseph Black
MD Edinburgh 1754

Benjamin Rush
MD Edinburgh 1768

Wolter Forsten Verschuir
MD Groningen 1766

Sebald Justinus Brugmans
MD Groningen 1785

Thomas Charles Hope
MD Edinburgh 1787

James Woodhouse
MD Penn 1792

Gerard Vrolik
MD Leiden 1796

Benjamin Silliman, Sr.
AB Yale 1796

Casper Georg C. Reinwardt
PhD Haderwijk 1801

Amos Eaton
AB Williams College 1799

Anthony H. van der Boon Mesch
PhD Leiden 1826

Douglass Houghton
AB Rensselaer

Antoine Paul Nicolas Franchimont
PhD Leiden 1871

To Kekule

Silas Hamilton Douglas
MD Maryland 1842

Cornelis Adriaan Lobry de Bruyn
PhD Leiden 1883

To Meyer

Nicolaas Schoorl
PhD Amsterdam 1901

Albert Benjamin Prescott
MD Michigan 1864

Isaak Maurits Kolthoff
PhD Utrecht 1918

Moses Gomberg
PhD Michigan 1894

Daniel Lawrence Leussing, Jr.
PhD Minnesota 1953

Walter Emmanuel Bachmann
PhD Michigan 1926

John Christian Bailar
PhD Michigan 1928

Dennis Earl Tallman
Ph.D. Ohio State 1968
NDSU 1970 -

John Clark Sheehan
PhD Michigan 1941

Daryle Hadley Busch
PhD Illinois 1954

Elias James Corey
PhD MIT 1951

Hugo Rudolph Kruyt

Melvin Lee Morris
PhD Ohio State 1958
NDSU 1963 - 1995

Wouter Bosch
PhD Utrecht 1931
NDSU 1947 - 1958

William L. Jorgensen
PhD Harvard 1975

Jeffry David Madura
PhD Purdue 1985

Emilio Xavier Esposito
PhD Duquesne 2003
NDSU 2003 - 2006

To Roulle

Pierre Francois Tingry
Paris ~1770

Augustin LeRoyer
Geneva

To Liebig

Jean Baptiste Andre Dumas
Geneva ~1823

Charles Adolphe Wurtz
MD Strasbourg 1843

Arnot

John Allen
MD Edinburgh 1791

Charles Gaspard De La Rive
MD Edinburgh 1797

Josiah Parsons Cooke
AB Harvard 1848

Henry Barker Hill
AB Harvard 1869

Charles Loring Jackson
PhD Harvard 1871

Henry Augustus Torrey
PhD Harvard 1897

William Hammett Hunter
PhD Harvard 1910

Walter McLellan Lauer
PhD Minnesota 1924

Conrad J. Sunde
PhD Minnesota 1938
NDSU 1926 - 1942

Christian Edward Kaslow
PhD Minnesota 1944
NDSU 1930 - 1941

Theodore William Richards
PhD Harvard 1888

Rodger Adams
PhD Harvard 1912

Farrington Daniels
PhD Harvard 1914

From Conant

Walter Cecil Schumb
PhD Harvard 1918

George Shannon Forbes
PhD Harvard 1905

Charles Henry Behre, Jr.
PhD Chicago 1925

Paul Clifford Cross
PhD Wisconson 1932

Hobart Hurd Willard
PhD Harvard 1909

Elburt Franklin Osborn
PhD CalTech 1938

Glenn Arthur Crosby
PhD Washington 1954

George Frederick Smith
PhD Michigan 1922

Robert Francis O'Malley
PhD MIT 1961

Harvey C. Diehl, Jr.
PhD Michigan 1937

Philip Albert Leighton
PhD Harvard 1927

Frederick R. Duke
PhD Illinois 1940

Richard Andrew Ogg
PhD Stanford 1932

Rustum Roy
PhD Penn State 1948

William Blaine White
PhD Penn State 1963

John Willim Knoeck
Ph.D. Iowa St. 1968
NDSU 1970 - 1976

Walter John Blaedel
PhD Stanford 1942

Howard Vincent Malmstadt
PhD Wisconson 1950

Gregory Joseph McCarthy
PhD Penn State 1969
NDSU 1979 -

Norman Cornelius Peterson
PhD Iowa State 1957
NDSU 1955 - 1959

Wiley Lyle Parker
Ph.D. Washington St. 1982
NDSU 1986 - 1990

James Dudley Winefordner
PhD Illinois 1958

Michael Loewen Parsons
PhD Florida 1966

Raymond Joseph Lovett
PhD Arizona St. 1977
NDSU 1982 - 1986

Andres Dobal Campiglia
PhD Florida 1990
NDSU 1996 - 2003

Gilbert Newton Lewis
PhD Harvard 1899

Frederick Barry
PhD Harvard 1911

Allen Kay Smith
PhD Columbia 1926
NDSU 1926 - 1932

Axel Ragnar Olson
PhD Berkeley 1917

Thomas Fraser Young
PhD Berkeley 1925

George Glockler
PhD Berkeley 1923

Joseph Edward Mayer
PhD Berkeley 1927

Frederick Theodore Wall
PhD Minnesota 1937

William B. Treumann
PhD Illinois 1948
NDSU 1946 - 1955

Paul Mead Doty
PhD Columbia 1944

Stuart Alan Rice
PhD Harvard 1955

Martin T. Vala Jr.
PhD Chicago 1965

Karla Renae Radke
MS Florida 2006
NDSU 2006 -

Irving Myron Klotz
PhD Chicago 1940

Raymond Kenneth Burkhard
PhD Northwestern 1951

Donald Morgan Kurtz, Jr.
PhD Northwestern 1977

Gary Eric Stolzenberg
PhD Kansas State 1968
NDSU 1996 - 2006

Gudrun Susanne Lukat-Rodgers
PhD Iowa State 1985
NDSU 1993 -

Samuel Marion McElvain
PhD Illinois 1923

Gilbert J. Stork
PhD Wisconsin 1946

William North White
PhD Harvard 1954

Carl David Slater
PhD Ohio State 1960
NDSU 1965 - 1969

Eugene E. Van Tamelen
PhD Harvard 1951

Socrates Peter Pappas
PhD Wisconsin 1963
NDSU 1973 - 1990

Christian Hieronymus Lömmer

Johann Friedrich Wilhelm de Charpentier
Leipzig ~1766

Johann Gottfried Schreiber
MD Glasgow 1740

Pierre Berthier
Ing. Ord. Ecole des Mines 1805

Henri Victor Regnault
PhD Paris 1837

Joseph Louis Gay-Lussac
MA Paris 1800

Sir Benjamin Collins Brodie, Jr.
PhD Giessen 1849

Augustus George Vernon Harcourt
MA Oxford 1859

Adolph Friedrich L. Strecker
PhD Giessen 1842

From Dixon

Sir John Conroy
BA Oxford 1868

Wilhelm Staedel
Dr. rer. nat. Tübingen 1865

Alfred Einhorn
Dr. rer. nat. Tübingen 1880

Sir Harold Brewer Hartley
BA Oxford 1900

Richard Willstätter
PhD Munich 1894

Richard Kuhn
PhD Munich 1922

Laszlo Zechmeister
PhD Zurich 1913

Kurt Wallenfels
PhD Heidelberg 1940

Om Prakash Malhotra
PhD Freiburg 1960

Francis Theodore Haxo
PhD Stanford 1947

D. K. Srivastava
PhD Banaras Univ. 1982
NDSU 1989 -

Edmund John Bowen
DSc Oxford 1947

Ahsan Ullah Khan
DPhil Oxford

Colm O'hEocha
PhD UCLA 1955

Padraig O'Carra
PhD National Univ. Ireland 1962

S. Derek Killilea
PhD National Univ. Ireland 1972
NDSU 1978 -

Gregory David Gillispie
PhD Michigan State 1975
NDSU 1983 - 2000

Gregory Allen Oswald
MS NDSU 1996
NDSU 1997 -

John L. Rutgers Morgan
PhD Leipzig 1895

Henry K. Benson
PhD Columbia 1907

Robert Thomas D. Luther
PhD Leipzig 1896

Thomas G. Thompson
PhD Washington 1918

William Crowell Bray
PhD Leipzig 1905

Henry Edgar Wirth
PhD Washington 1934
NDSU 1934-1939

James Walker
PhD Leipzig 1889

James Pickering Kendall
MA Edinburgh 1910

Paul Magnus Gross
PhD Columbia 1919

Henry Freiser
PhD Duke 1944
NDSU 1944 - 1945

Henry Taube
PhD Berkeley 1940

John P. Hunt
PhD Chicago 1950

Patrick Earle Hoggard
PhD Washington St. 1970
NDSU 1981-1993

Pelope

Nicolo da Lonigo
MD/PhD Padua 1453

Antonio Musa Brasavola
MD/PhD Ferrara 1520

Gabriele Fallopio
MD Ferrara 1548

Girolamo Fabrici
MD Padua 1559

Giulio Cesare Casseri
MD Padua 1580

Adriaan van den Spieghel
MD Padua ~1603

Werner Rolfinck
MD Padua 1625

Georg Wolfgang Wedel
MD Jena 1669

Johann Adolph Wedel
MD Jena 1697

Georg Erhardt Hamberger
MD Jena 1721

Christoph Andreas Mangold
MD Erfurt 1751

Ernst Gottfried Baldinger
MD Jena 1760

Johann Christian Wiegleb
Apothecary Langensalza ~1765

Johann Friedrich August Göttling
Apothecary Langensalza 1775

Hermann Friedrich Teichmeyer
MD Jena 1708

Karl Friedrich Kaltschmied
MD Jena 1732

Johann Friedrich Fasel
MD Jena 1751

Wilhelm Heinrich Sebastian Bucholtz
MD Jena 1763

Johann Bartholomaus Trommsdorff
Erfurt ~1787

Karl Friedrich Wilhelm Gottlob Kastner
PhD Jena 1805

Johann Andreas Buchner
PhD Erfurt 1807

Justus von Liebig
PhD Erlangen 1822

Cajetan Georg Kaiser
PhD Landshut 1827

Hagemayer

Johann Nepomuk Fuchs
MD Heidelberg ~1798

Max Josef von Pettenkofer
MD Munich 1843

Carl von Voit
MD Munich 1854

Graham Lusk
PhD Munich 1891

To E. Fischer

Friedrich Hermann Leuches
PhD Berlin 1902

Rudolph John Anderson
PhD Berlin 1914

Melvin Spencer Newman
PhD Yale 1932

Marshall Woford Logue
PhD Ohio State 1969
NDSU 1977 - 1981

Carl Schmidt
PhD Giessen 1844

Friedrich Wilhelm Ostwald
PhD Dorpat 1878

From Will/Wurtz/Johnson

From Nernst/Miller

Arthur Amos Noyes
PhD Leipzig 1890

George Alonzo Abbott
PhD MIT 1908
NDSU 1909-1910

Louis Kahlenberg
PhD Leipzig 1895

Rex Julian Robinson
PhD Wisconsin 1929

Lloyd Ellis West
PhD Washington 1939
NDSU 1930-1935

Roscoe Gilkey Dickinson
PhD CalTech 1920

Linus Carl Pauling
PhD CalTech 1925

Edgar Bright Wilson
PhD CalTech 1933

Dudley Robert Herschbach
PhD Harvard 1958

Richard James Cross, Jr.
PhD Harvard 1966

John Frederick Hershberger
PhD Yale 1986
NDSU 1989 -

Samuel Barnett Schryver
PhD Leipzig 1895

Frederick Walter Norris
PhD London 1925

Kenneth Bailey
PhD Birmingham 1933

Samuel Victor Perry
PhD Cambridge 1946

John Brian Chappell
PhD Cambridge 1952

Antony Richard Crofts
PhD Cambridge 1965

Steven Wayne Meinhardt
PhD Illinois 1984
NDSU 1989 -

John Dawson
MD London 1765

Cranke

Thomas Jones
BA Cambridge 1779

Adam Sedgwick
BA Cambridge 1808

William Hopkins
MA Cambridge 1830

Edward John Routh
BA Cambridge 1854

Sir William Henry Bragg
BA Cambridge 1885

William Thomas Astbury
BA Cambridge 1921

August Wilhelm von Hofmann
PhD Giessen 1841

Henry Adam Weber
BS Munich 1868

Johann C. W. F. Tiemann
PhD Berlin 1870

Julius Oscar Stieglitz
PhD Berlin 1889

To Nef

William McPherson
PhD Ohio State 1895

Howard Johnson Lucas
MA Ohio State 1908

William Gould Young
PhD Cal Tech 1929

John D. Roberts
PhD UCLA 1944

George M. Whitesides
PhD Cal Tech 1964

Charles Philip Casey
PhD MIT 1968

Joseph Michael O'Connor
PhD Wisconsin 1984

Lin Pu
PhD UC San Diego 1990
NDSU 1994 - 1997

Richard Abegg
PhD Berlin 1891

George Ernest Gibson
PhD Breslau 1911

Wendell Mitchell Latimer
PhD Berkeley 1919

Glenn Theodore Seaborg
PhD Berkeley 1937

Kenneth Sanborn Pitzer
PhD Berkeley 1937

Willard Frank Libby
PhD Berkeley 1933

Henry Eyring
PhD Berkeley 1927

Leon O. Morgan
PhD Berkeley 1947

George Claude Pimentel
PhD Berkeley 1949

Larry James Kevan
PhD UC Los Angeles 1963

C. R. Mueller
PhD Utah 1951

Robert D. Koob
PhD Kansas 1967
NDSU 1969 - 1990

John Robert V. Luoma
PhD Purdue 1966
NDSU 1969 - 1972

William Aloys Klemperer
PhD Berkeley 1954

John Dickson Baldeschwieler
PhD Berkeley 1959

Kit Hansell Bowen, Jr.
PhD Harvard 1978

Brian Douglas Sykes
PhD Stanford 1969

Jesse Lee Beauchamp
PhD Harvard 1967

Joseph George Eaton
PhD Johns Hopkins 1992
NDSU 1996 - 2003

John Randy Bagu
PhD Alberta 1999
NDSU 2005 -

Ben Sherman Freiser
PhD CalTech 1977

Denley Bruce Jacobson
PhD Purdue 1984
NDSU 1986 -

Harold Milton Goff
PhD UT Austin 1976

Kenton Richard Rodgers
PhD Iowa 1988
NDSU 1993 -

Karl Friedrich von Auwers
PhD Berlin 1885

Kennedy Joseph P. Orton
PhD Heidelberg 1897

Jocelyn Field Thorpe
PhD Heidelberg 1895

Jocelyn Field Thorpe
PhD Heidelberg 1895

Forris Jewett Moore
PhD Heidelberg 1893

Ben Herbert Watson
BSc Wales 1915

George Armand Robert Kon
DSc Imperial College 1922

Christopher Kelk Ingold
BSc London 1913

Ernest Hamlin Huntress
PhD MIT 1927

Edward David Hughes
PhD Wales 1930

Reginald Patrick Linstead
PhD Imperial College 1926

James Graham
PhD London 1944

Ralph Flint Phillips
PhD MIT 1939

John Alexander Blair
PhD Ghana ~1957

William von Eggers Doering
PhD Harvard 1943

James Masanobu Sugihara
PhD Utah 1947
NDSU 1964 - 1990

Anthony J. Pearson
PhD Aston 1974

Kenneth Berle Wiberg
PhD Columbia 1950

Peter Campbell Ford
PhD Yale 1966

John David Petersen
PhD UC Santa Barbara 1975

Karen Jenks Brewer
PhD Clemson 1987

Sanku Mallik
PhD Case Western 1992
NDSU 1998 - 2005

Seth Clayton Rasmussen
PhD Clemson 1994
NDSU 1999 -

NDSU Chemistry, Biochemistry, & Molecular Biology

An academic genealogy is similar to a family genealogy, but differs in that rather than following generations from parent to child, a lineage is passed from teacher to student. Such a genealogy illustrates how knowledge has been passed down through history and reinforces that chemistry is not static, but has evolved through the individual contributions of numerous scientists. In addition, such a genealogy helps us see that no matter what our division or specialty, we are all "*related*" in one way or another.

This genealogy is not complete, nor is it guaranteed to be free of mistakes. This poster represents version 6.0 of an ongoing project, and the addition and correction of faculty information will be continued over time. The goal is to one day include every member of the department - *past and present.*

Those with questions about the genealogy, department history, or chemical history in general, please feel free to stop by and I will share what knowledge I can.

Prof. Seth C. Rasmussen
February 19, 2007

Legend

Primary Influence
Secondary Influence
Nobel Prize
Current Departmental Faculty/Staff
Previous/Retired Faculty/Staff

Researched and prepared by Seth C. Rasmussen