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Metallurgy

Faculty Scholarship

Spring 4-2023

Timeline - History of the Metallurgy / Mineral Processing Programs (1900-2022)

Jerome Downey

Larry G. Twidwell

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Key Table Features include:

- All Metallurgy and Mineral Processing Faculty are included for the years 1900 to 2022 (a few years are missing-like during WWII).
- The table allows you to follow the advancement of any Metallurgy and Mineral Processing faculty person from Instructor to Assistant, to Associate, and to full Professor.
- The year after each name is the year of the faculty's first appointment to the School of Mines.
- Program and Department Heads are boxed.
- All College and University Name changes (along with dates for the changes) are boxed and colored (there are many!).
- Same is true for the department name changes. Two columns are presented one for Metallurgy and one for Mineral Processing.
- The columns labeled M.S./T denote the number of Metallurgy or Mineral Processing Seniors divided by the Total number of Seniors for each year (this part of the table is presently incomplete).
- The presented data are taken from the yearly Catalogs (from hard copies for the years 1900-2010; digital copies for the years 2010-2022) and the MAGMA year books (there are several missing years when MAGMA was not available in the library and the collection only goes to 2006).
- I have a notebook with the names of ALL Faculty (not just Met and MP faculty) from the Catalogs for period noted above.
- In general, the pictures presented are primarily from the student MAGMA publications (only available for the years 1926-2006, a few years are missing) and the McGlynn book for the period 1893 – 1984.
- The eight recipients inducted into the NATIONAL ACADEMY OF ENGINEERING are presented at the dates when they graduated from the School of Mines

PROGRAM and DEPARTMENT HEADS and FACULTY

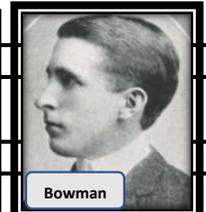
METALLURGY

MINERAL PROCESSING

ENGINEER OF MINES-E.M. (Only Degree Awarded from 1900-1922)

MONTANA STATE SCHOOL OF MINES (1900-1919)

Year		M.F/Total	
1900-1901	William G. King 1900 Professor of Chemistry and Metallurgy	1/5	ORE DRESSING courses were part of the Engineer of Mines M.E. Curriculum. The courses were a part of the Mining Department until 1922.
1901-1902	William G. King 1900 Professor of Chemistry and Metallurgy	1/9	Charles H. Bowman (M.S.) 1900 Professor of Mechanics and Mining Engineering
1902-1903	William G. King 1900 Professor of Chemistry and Metallurgy	1/9	Charles H. Bowman (M.S.) 1900 Professor of Mining Engineering
1903-1904	William G. King 1900 Professor of Chemistry and Metallurgy	1/8	Charles H. Bowman (M.S.) 1900 Professor of Mining Engineering



1904-1905 **William G. King** 1900
Professor of Chemistry and Metallurgy

First E.M.
Graduate 1902
Louis V. Bender

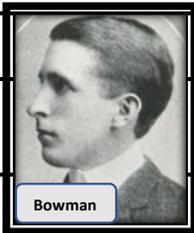
1905-1906 **William G. King** 1900
Professor of Chemistry and Metallurgy

1906-1907 **No Catalog published in 1906**

1907-1908 **Frederick Laist** (B.S.)
Professor of Chemistry and Metallurgy
Arthur E. Adami (E.M.)
Instructor in Metallurgy

1908-1909 **Alex Gilfillan** (B.S., C.E.)
Professor of Metallurgy and Chemistry

1909-1910 **Charles H. Bowman** (M.S.) 1900
President and Professor of Metallurgy



Bowman

1910-1911 **Charles H. Bowman** (M.S.) 1900
President and Professor of Metallurgy

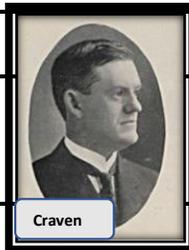
1911-1912 **Charles H. Bowman** (M.S.) 1900
President and Professor of Metallurgy

M.F. Haley 1911
Assistant in Mill Work (Assisted all areas in laboratory instruction and test work 1911-1926)

1912-1913 **Charles H. Bowman** (M.S.) 1900
President and Professor of Metallurgy

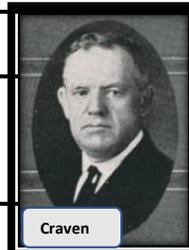
1913-1914 **Bancroft Gore** (PhD) 1913
Professor of Metallurgy

1/10 **E.H. McDonald** (E.M.) 1902
Professor of Mining Engineering



Craven

G.W. Craven (B.S.) 1900
Assistant Professor of Mining Engineering
(later 1921 was President)

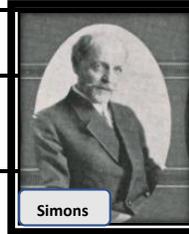


Craven

1/10 **E.H. McDonald** (E.M.) 1902
Professor of Mining

G.W. Craven (B.S.) 1900
Assistant Professor of Mining Engineering (later 1921 was President)

2/10 **Theodore Simons** (E.M. C.E) 1906
Professor of Mining and Ore Dressing



Simons

1/8 **Theodore Simons** (E.M. C.E) 1906
Professor of Mining and Ore Dressing

Authur E. Adami (E.M.) 1907
Instructor in Surveying and Drawing

1/8 **Theodore Simons** (E.M. C.E) 1906
Professor of Mining and Ore Dressing

Authur E. Adami (E.M.) 1907
Instructor in Surveying and Drawing



Adami

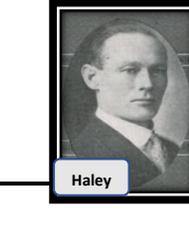
1/8 **Theodore Simons** (E.M. C.E) 1906
Professor of Mining and Ore Dressing

Authur E. Adami (E.M.) 1907
Instructor in Surveying and Drawing

1/10 **Theodore Simons** (E.M. C.E) 1906
Professor of Mining Engineering

Authur E. Adami (E.M.) 1907
Assistant Professor in Mining Engineering

M.F. Haley 1911
Assistant in Mill Work (Assisted all areas in laboratory instruction and test work 1911-1926)



Haley

1/10 **Theodore Simons** (E.M. C.E) 1906
Professor of Mining Engineering

Authur E. Adami (E.M.) 1907
Assistant Professor in Mining Engineering

1/10 **Theodore Simons** (E.M. C.E) 1906
Professor of Mining Engineering

Authur E. Adami (E.M.) 1907

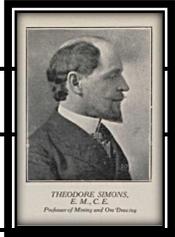
1914-1915 No Catalog

Assistant Professor in Mining Engineering

1915-1916 Bancroft Gore (PhD) 1913
Professor of Metallurgy

1/10 Theodore Simons (E.M. C.E) 1906
Professor of Mining Engineering

Authur E. Adami (E.M.) 1907
Assistant Professor in Mining Engineering



1916-1917 Bancroft Gore (PhD) 1913
Professor of Metallurgy

1/8 Theodore Simons (E.M. C.E) 1906
Professor of Mining Engineering

Authur E. Adami (E.M.) 1907
Assistant Professor in Mining Engineering

1917-1918 Bancroft Gore (PhD) 1913
Professor of Metallurgy

1/8 Theodore Simons (E.M. C.E) 1906
Professor of Mining Engineering

Authur E. Adami (E.M.) 1907
Assistant Professor in Mining Engineering

1918-1919 H.B. Pulsifer (B.S. M.S. ChE)
Professor of Metallurgy

1/10 Theodore Simons (E.M. C.E) 1906
Professor of Mining Engineering

Authur E. Adami (E.M.) 1907
Assistant Professor in Mining Engineering



Adam

STATE SCHOOL OF MINES (1919-1928)

1919-1920 Horace T. Mann (B.S. M.S. M.E. E.M)
Professor of Metallurgy

1/10 Theodore Simons (E.M. C.E) 1906
Professor of Mining Engineering

Authur E. Adami (E.M.) 1907
Associate Professor in Mining Engineering

The proposed "METALLURGY" building colapsed while under construction in 1920. Reconstruction was completed in 1923

1920-1921 Horace T. Mann (B.S. M.S. M.E. E.M)
Professor of Metallurgy

1/12 Theodore Simons (E.M. C.E) 1906
Professor of Mining Engineering

Authur E. Adami (E.M.) 1907
Associate Professor in Mining Engineering

1921-1922 Horace T. Mann (B.S. M.S. M.E. E.M)
Professor of Metallurgy

2/13 Theodore Simons (E.M. C.E) 1906
Professor of Mining Engineering

Curtis L. Wilson (E.M.) 1920
Instructor of Metallurgy

Authur E. Adami (E.M.) 1907
Associate Professor in Mining Engineering

Two New Degree were Established in 1922, i.e., METALLURGICAL ENGINEERING and MINING ENGINEERING
The first Metallurgical Engineering Curriculum was published in 1923: 23 seniors, 14 faculty; Ellis P. Frink and Willard W. Mowbray were the first two students to receive the Metallurgical Engineering B.S. degree. E.M. degrees were not awarded after 1922. ORE DRESSING became an option in the METALLURGICAL ENGINEERING program

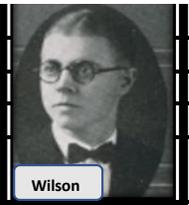
1922-1923 Horace T. Mann (B.S. M.S. M.E. E.M)
Professor of Metallurgy

2/13 Theodore Simons (E.M. C.E) 1906
Professor of Mining Engineering

Curtis L. Wilson (E.M.) 1920
Instructor of Metallurgy

Authur E. Adami (E.M.) 1907
Associate Professor in Mining Engineering

1923-1924 **Curtis L. Wilson** (E.M.) 1920
Instructor of Metallurgy



Wilson

1924-1925 **Curtis L. Wilson** (E.M.) 1920
Assistant Professor of Metallurgy

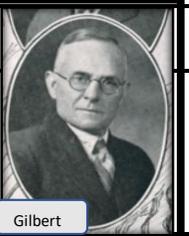
1925-1926 **Curtis L. Wilson** (E.M.) 1920
Assistant Professor of Metallurgy

1926-1927 **Curtis L. Wilson** (E.M.) 1920
Associate Professor of Metallurgy
Gae A. Roush (A.B. M.S.) 1926
Acting Professor of Metallurgy



Roush

1927-1928 **Frederick C. Gilbert** (B.S.) 1926
Acting Professor of Metallurgy
Curtis L. Wilson (E.M. PhD) Goettingen 1920
Associate Professor of Metallurgy (On Leave 1927-1928 to pursue a PhD at Goettingen, Germany)



Gilbert

MASTER OF SCIENCE degrees in METALLURGICAL, MINING, and GEOLOGICAL ENGINEERING were established in 1928 (no students in 1928)

1928-1929 **Frederick C. Gilbert** (B.S.) 1926
Acting Professor of Metallurgy
Curtis L. Wilson (E.M. PhD) Goettingen 1920
Associate Professor of Metallurgy (On Leave 1927-1928)

MONTANA SCHOOL OF MINES (1928-1965)
President Thomson approved the requirement for an Undergraduate Thesis

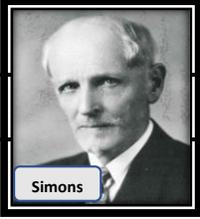
1929-1930 **Curtis L. Wilson** (E.M. PhD) 1920
Professor of Metallurgy
Frederick C. Gilbert (B.S.) 1926
Acting Professor of Metallurgy
Earl W. Lindleif 1929
Graduate Assistant Fellow in Metallurgy

1/12 **Theodore Simons** (E.M. C.E) 1906
Professor of Mining Engineering

Authur E. Adami (E.M.) 1907
Associate Professor in Mining Engineering

1/12 **Theodore Simons** (E.M. C.E) 1906
Professor of Mining Engineering

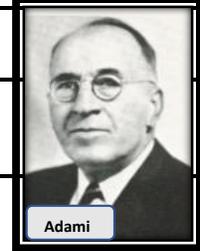
Authur E. Adami (E.M.) 1907
Associate Professor in Mining Engineering



Simons

2/14 **Theodore Simons** (E.M. C.E) 1906
Professor of Mining Engineering

Authur E. Adami (E.M.) 1907
Professor in Mining Engineering



Adami

2/16 **Theodore Simons** (E.M. C.E) 1906
Professor of Mining Engineering
Awarded the Doctor of Science degree in 1933. Wrote the famous "Ore Dressing" textbook

Authur E. Adami (E.M.) 1907
Professor in Mining Engineering

The ORE DRESSING department was established in 1928 but the ORE DRESSING option remained under METALIURGICAL ENGINEERING B.S. until 1963

2/17 **Antoine Marc Gaudin** (B.S. E.M.) 1928
Research Professor of Ore Dressing

2/18 **Antoine Marc Gaudin** (B.S. E.M.) 1928
Research Professor of Ore Dressing

John O. Groh 1929
Graduate Assistant Fellow in Ore Dressing
Harry B. Henderson 1929
Graduate Assistant Fellow in Ore Dressing



Gaudin

Antoine Marc Gaudin
Research Professor of Ore Dressing; The Doctor of Science Honoris Causa was awarded to Gaudin by the Montana School of Mines in 1941. Dr. Gaudin was a Founding Member of NAE



Catalog was not published in 1930

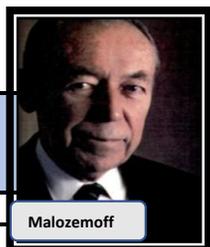
1931-1932 **Curtis L. Wilson** (E.M. PhD) 1920
Professor of Metallurgy
James U. MacEwas (B.S.) 1931
Instructor in Metallurgy
Eugene C. Little 1931
Graduate Assistant Fellow in Metallurgy



MacEwas

1932-1933 **Curtis L. Wilson** (E.M. PhD) 1920
Professor of Metallurgy
James U. MacEwas (B.S.) 1931
Instructor in Metallurgy
Karl A. Von der Stienen 1932
Graduate Assistant Fellow in Metallurgy

Plato Malozemoff
M.S. Metallurgical Engineering 1932; Inducted into the
NATIONAL ACADEMY OF ENGINEERING 1969



Malozemoff

1933-1934 **Curtis L. Wilson** (E.M. PhD) 1920
Professor of Metallurgy
James U. MacEwas (B.S.) 1931
Instructor in Metallurgy
Robert J. Woody 1933
Graduate Assistant Fellow in Metallurgy

1934-1935 **Curtis L. Wilson** (E.M. PhD) 1920
Professor of Metallurgy
James U. MacEwan (B.S.M.S.) 1931
Assistant Professor Metallurgy
Etorre Peretti 1934
Graduate Assistant Fellow in Metallurgy

1935-1936 **Curtis L. Wilson** (E.M. PhD) 1920
Professor of Metallurgy
James U. MacEwan (B.S.M.S.) 1931
Assistant Professor Metallurgy



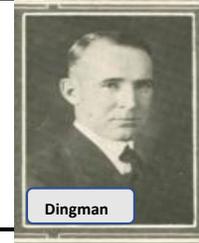
NATIONAL ACADEMY OF ENGINEERING 1964



Gaudin

1/19 **Antoine Marc Gaudin** (B.S. E.M.) 1928
Research Professor of Ore Dressing (B.S.E.M.)
Graduate Assistant Fellows in Ore Dressing:
Harold T. Henderson, Plato Malozemoff.
W.D. Wilkinson

1/19 **Antoine Marc Gaudin** (B.S. E.M.) 1928
Research Professor of Ore Dressing; He published the
famous text "Flotation" in 1932 while at Montana School of Mines
and another widely used text "Principles of Mineral Dressing" in 1939.
Osar A. Dingman (B.S. E.M.) 1927
Assistant Professor of Mining Engineering
Graduate Assistant Fellows in Ore Dressing:
Franklin Dewey, Oscar F. Tangel 1933



Dingman

1/21 **Antoine Marc Gaudin** (B.S. E.M.) 1928
Research Professor of Ore Dressing (B.S.E.M.)
Osar A. Dingman (B.S. E.M.) 1927
Assistant Professor of Mining Engineering
Graduate Assistant Fellows in Ore Dressing: **Walter E. Duncan**
Roy A. Johnson 1933

2/24 **Antoine Marc Gaudin** (B.S. E.M.) 1928
Research Professor of Ore Dressing (B.S.E.M.)
Osar A. Dingman (B.S. E.M.) 1927
Assistant Professor of Mining Engineering
Reinhardt Schuhmann, Jr. 1934
Graduate Assistant Fellow in Ore Dressing:
William R. Swiler 1934
Graduate Assistant Fellow in Ore Dressing:



Schuhmann

1935 ORE DRESSING became MINERAL DRESSING
A MASTER of SCIENCE M.S. Degree in MINERAL DRESSING was
established but a Bachelor's Degree was not authorized.
The first student to graduate with the M.S. in MINERAL DRESSING was
Walter Vogeno (1936)

2/23 **Antoine Marc Gaudin** (B.S. E.M.) 1928
Research Professor of **Mineral** Dressing (B.S.E.M.)
Osar A. Dingman (B.S. E.M.) 1927
Assistant Professor of Mining Engineering



John W. Judy 1935
Graduate Assistant Fellow in Metallurgy



Wilson

Donald W. McGlashan 1935
Graduate Assistant in Ore Dressing
William R. Swiler 1935
Graduate Assistant in Ore Dressing



Gaudin

Reinhardt Schuhmann, Jr.
M.S. Metallurgical Engineering 1935
Dr. Schuhmann authored a widely used textbook:
"Metallurgical Engineering-Engineering Principles", 1952
Dr. Schuhmann was inducted into the **NATIONAL ACADEMY OF ENGINEERING 1976**



Schuhmann

1936-1937 **Curtis L. Wilson** (E.M. PhD) 1920
Professor of Metallurgy
Ettore A. Peretti (B.S.M.S. DSc) 1936
Instructor Assistant in Metallurgy
Oswalt J. Wick 1936
Graduate Assistant Fellow in Metallurgy

2/21

Antoine Marc Gaudin (B.S. E.M.) 1928
Research Professor of **Mineral** Dressing (B.S.E.M.)
Osar A. Dingman (B.S. E.M.) 1927
Associate Professor of Mining Engineering
Donald W. McGlashan 1935
Graduate Assistant in Mineral Dressing
Robert H. Behrens 1936
Graduate Assistant in Mineral Dressing

1937 MONTANA SCHOOL OF MINES received their FIRST NATIONAL ACCREDITATION for the METALLURGY, MINING, and GEOLOGY PROGRAMS

1937-1938 **Curtis L. Wilson** (E.M. PhD) 1920
Professor of Metallurgy
Ettore A. Peretti (B.S.M.S. DSc) 1936
Instructor Assistant in Metallurgy
Clarence H. Toensing 1937
Graduate Assistant in Metallurgy

Antoine Marc Gaudin (B.S. E.M.) 1928
Research Professor of **Mineral** Dressing (B.S.E.M.)
Osar A. Dingman (B.S. E.M.) 1927
Associate Professor of Mining Engineering
Donald W. McGlashan 1935
Graduate Assistant in Mineral Dressing
Dixon J. Vincent 1937
Graduate Assistant Fellow in Mineral Dressing
Wilfred T. Hamlyn 1937
Graduate Assistant in Mineral Dressing

1938-1939 **Curtis L. Wilson** (E.M. PhD) 1920
Professor of Metallurgy
Ettore A. Peretti (B.S.M.S. DSc) 1936
Instructor in Metallurgy
Mac Blackman 1938
Graduate Assistant Fellow in Metallurgy
Clarence H. Toensing 1937
Graduate Assistant in Metallurgy
Waldemar P. Ruemmer 1938
Graduate Assistant Fellow in Metallurgy

2/20

Antoine Marc Gaudin (B.S. E.M.) 1928
Research Professor of **Mineral** Dressing (B.S.E.M.)
Gaudin published the textbook "**Principles of Mineral Dressing**" in 1939; a "textbook of choice used worldwide"
Raymond A. Nelson 1938
Graduate Assistant Fellow in Mineral Dressing
Martin D. O'Shaughnessy 1938
Graduate Assistant in Mineral Dressing



1939-1940 **Curtis L. Wilson** (E.M. PhD) 1920
Professor of Metallurgy

2/20

S.R.B. Cooke (B.S. M.S. PhD) 1939
Research Professor of Mineral Dressing

Ettore A. Peretti (B.S.M.S. DSc) 1936

Instructor in Metallurgy

Robert Raisig 1939

Graduate Assistant Fellow in Metallurgy

Henry Rush, Jr 1939

Graduate Assistant Fellow in Mineral Dressing

Robert A. Wilson 1939

Graduate Assistant in Mineral Dressing

1940-1941 **Curtis L. Wilson** (E.M. PhD) 1920
Professor of Metallurgy
Dr. Wilson co-authored the widely used text "Metallurgy of Copper", 1942

Bernard D. Cullity (B.E.) 1940

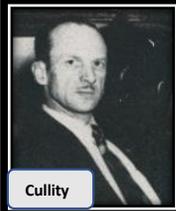
Instructor in Metallurgy

Donald O. Cole 1940

Laboratory Graduate Assistant in Metallurgy

William F. Zelezny 1940

Graduate Assistant Fellow in Metallurgy



Cullity

2/19 **S.R.B. Cooke** (B.S. M.S. PhD) 1939
Research Professor of Mineral Dressing

Jack L. Taylor 1940

Graduate Assistant Fellow in Mineral Dressing

Robert A. Wilson 1939

Graduate Assistant in Mineral Dressing

1941-1942 **John P. Spielman** (B.S.) 1941
Professor of Metallurgy

Curtis L. Wilson (E.M. PhD) 1920

(Left MSM to become President of Missouri School Mines)

Donald L. LaVelle 1941

Instructor in Metallurgy

Donald L. LaVelle 1941

Graduate Assistant Fellow in Metallurgy



Spielman

2/22 **S.R.B. Cooke** (B.S. M.S. PhD) 1939
Research Professor of Mineral Dressing

Herman Neibhauer

Graduate Assistant for Mineral Dressing

Armon F. Fredericeson 1041

Graduate Assistant Fellow in Mineral Dressing

No Catalog published in 1942, 1943 because of World War

William Opie

M.S. Metallurgical Engineering 1942; Inducted into the

NATIONAL ACADEMY OF ENGINEERING 1982



Opie

1944-1945 **John P. Spielman** (B.S.) 1941
Professor of Metallurgy

Morton Smith (B.S. M.S. M.E.) 1942

Assistant Professor of Metallurgy

Rayworth F. Howe (B.S.) 1943

Instructor Physics, Mathematics, Metallurgy

S.R.B. Cooke (B.S. M.S. PhD) 1939
Research Professor of Mineral Dressing

1945

RECONVERSION PLAN (committee chaired by John Spielman Metallurgy Department Head)

1945-1946 **John P. Spielman** (B.S.) 1941
Professor of Metallurgy

Morton Smith (B.S. M.S. M.E.) 1942

Assistant Professor of Metallurgy

Rayworth F. Howe (B.S.) 1943

Instructor Physics, Mathematics, Metallurgy

3/25 **S.R.B. Cooke** (B.S. M.S. PhD) 1939
Research Professor of Mineral Dressing

1946-1947 **John P. Spielman** (B.S.) 1941

3/27 **Donald W. McGlashan** (B.S. M.S.) 1946



Professor of Metallurgy

Curtis L. Graversen (B.S. M.S.) 1947

Instructor in Metallurgy

Ralph Smith (B.S. M.S.) 1947

Instructor in Metallurgy

1947-1948 **John P. Spielman** (B.S.) 1941

Professor of Metallurgy

Curtis L. Graversen (B.S. M.S.) 1947

Instructor in Metallurgy

Ralph Smith (B.S. M.S.) 1947

Instructor in Metallurgy

1948-1949 **John P. Spielman** (B.S.) 1941

Professor of Metallurgy

Curtis L. Graversen (B.S. M.S.) 1947

Instructor in Metallurgy

Ralph Smith (B.S. M.S.) 1947

Instructor in Metallurgy



Smith

1949-1950 **J. George Grunenfeider** (B.S. M.S. DSc) 1949

Professor of Metallurgy

Curtis L. Graversen (B.S. M.S.) 1947

Instructor in Metallurgy

Ralph Smith (B.S. M.S.) 1947

Instructor in Metallurgy



Grunenfeider

1950-1951 **J. George Grunenfeider** (B.S. M.S. DSc) 1949

Professor of Metallurgy

Frederick A. Hames (B.S. M.S. PhD) 1950

Assistant Professor of Metallurgy

Ralph Smith (B.S. M.S.) 1947

Assistant Professor of Metallurgy

1951-1952 **J. George Grunenfeider** (B.S. M.S. DSc) 1949

Professor of Metallurgy

Frederick A. Hames (B.S. M.S. PhD) 1950

Assistant Professor of Metallurgy

Ralph Smith (B.S. M.S.) 1947

Assistant Professor of Metallurgy

1952-53 **Frederick A. Hames** (B.S. M.S. PhD) 1950

Professor of Metallurgy

Earl C. Roberts (B.S. M.S. PhD) 1954

Assistant Professor of Metallurgy

Ralph Smith (B.S. M.S.) 1947

Assistant Professor of Metallurgy



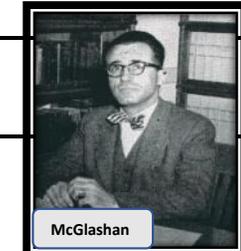
Associate Research Professor of Mineral Dressing



McGlashan

3/29 **Donald W. McGlashan** (B.S. M.S.) 1946

Associate Research Professor of Mineral Dressing



McGlashan

3/27 **Donald W. McGlashan** (B.S. M.S.) 1946

Associate Research Professor of Mineral Dressing

3/29 **Donald W. McGlashan** (B.S. M.S.) 1946

Associate Research Professor of Mineral Dressing



McGlashan

Donald W. McGlashan (B.S. M.S.) 1946

Research Professor of Mineral Dressing

Dr. Douglas Fuersteanu

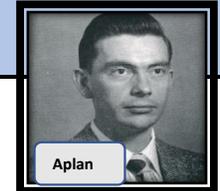
M.S. Mineral Dressing Engineering 1950; Inducted into the **NATIONAL ACADEMY OF ENGINEERING 1976**



Fuersteanu

Dr. Frank Aplan

M.S. Mineral Dressing Engineering 1950; Inducted into the **NATIONAL ACADEMY OF ENGINEERING 1989**

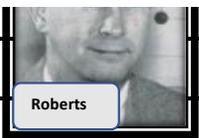


Aplan

Donald W. McGlashan (B.S. M.S.) 1946

Research Professor of Mineral Dressing

1953-1954 **Frederick A. Hames** (B.S. M.S. PhD) 1950
Professor of Metallurgy
Earl C. Roberts (B.S. M.S. PhD) 1954
Assistant Professor of Metallurgy
Ralph Smith (B.S. M.S.) 1947
Assistant Professor of Metallurgy



Roberts

1954-1955 **Frederick A. Hames** (B.S. M.S. PhD) 1950
Professor of Metallurgy
James K. Dawson (B.S. M.E.) 1955
Instructor in Metallurgy
Ralph Smith (B.S. M.S.) 1947
Associate Professor in Metallurgy



Hames

1955-1956 **Frederick A. Hames** (B.S. M.S. PhD) 1950
Professor of Metallurgy
Ralph Smith (B.S. M.S.) 1947
Associate Professor in Metallurgy
Sheng Tai Shih (B.S. M.S. PhD) 1955
Assistant Professor

1956-1957 **Frederick A. Hames** (B.S. M.S. PhD) 1950
Professor of Metallurgy
Ralph Smith (B.S. M.S.) 1947
Associate Professor of Metallurgy
Sheng Tai Shih (B.S. M.S. PhD) 1955
Assistant Professor



Shih

1957-1958 **Charles W. Haynes** (B.S. M.S. D.Sc.) 1957
Associate Professor of Metallurgy
Ralph Smith (B.S. M.S.) 1947
Associate Professor in Metallurgy

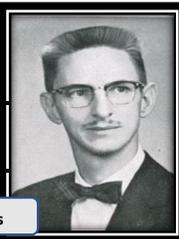


Smith

1958-1959 **Charles W. Haynes** (B.S. M.S. D.Sc.) 1957
Associate Professor of Metallurgy
Ralph Smith (B.S. M.S.) 1947
Associate Professor in Metallurgy
Douglas V. Keller, Jr (B.A. PhD) 1958
Assistant Professor of Metallurgy



Haynes



1959-1960 **Charles W. Haynes** (B.S. M.S. D.Sc.) 1957
Associate Professor of Metallurgy
Ralph Smith (B.S. M.S.) 1947
Associate Professor in Metallurgy
Douglas V. Keller Jr (B.A. PhD) 1958

Donald W. McGlashan (B.S. M.S.) 1946
Research Professor of Mineral Dressing

3/38

Donald W. McGlashan (B.S. M.S.) 1946
Research Professor of Mineral Dressing
Robert R. Beebe (B.S.) 1953
Instructor and Associate Research Engineer

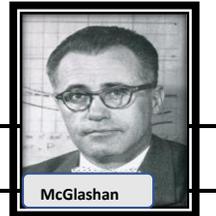
Robert (Ray) Beebe
B.S. Mineral Dressing Engineering 1953; Inducted into the
NATIONAL ACADEMY OF ENGINEERING 1990



Beebe

3/41

Donald W. McGlashan (B.S. M.S.) 1946
Research Professor of Mineral Dressing



McGlashan

3/35

Donald W. McGlashan (B.S. M.S.) 1946
Research Professor of Mineral Dressing

2/36

Donald W. McGlashan (B.S. M.S.) 1946
Research Professor of Mineral Dressing

3/37

Donald W. McGlashan (B.S. M.S.) 1946
Research Professor of Mineral Dressing
Theodore S. Jordan (B.S.) 1958
Instructor in Mineral Dressing
Andrew L. Mular 1958
Fellow in Mineral Dressing



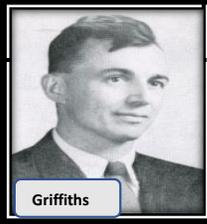
Jordan

Donald W. McGlashan (B.S. M.S.) 1946
Research Professor of Mineral Dressing
Theodore S. Jordan (B.S.) 1958
Instructor in Mineral Dressing
Gordon F. Ziesing (B.S.) 1959



Assistant Professor of Metallurgy

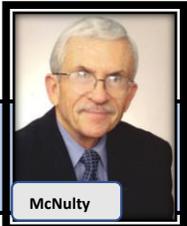
1960-1961 **Vernon Griffiths (B.S. M.S. ScD.) 1959**
Associate Professor and Head of Metallurgy Department
Walter C. Hahn (B.S. M.S. PhD.) 1960
Assistant Professor of Metallurgy
Ralph Smith (B.S. M.S.) 1947
Associate Professor in Metallurgy



1961-1963 **Vernon Griffiths (B.S. M.S. ScD.) 1959**
Associate Professor and Head of Metallurgy Department
Walter C. Hahn (B.S. M.S. PhD.) 1960
Assistant Professor of Metallurgy
Ralph Smith (B.S. M.S.) 1947
Associate Professor in Metallurgy



1963-1965 **Vernon Griffiths (B.S. M.S. ScD.) 1959**
Associate Professor and Head of Metallurgy Department
Fathi Habashi (B.S. Dr. Techn) 1963
Associate Professor of Metallurgy
Ralph Smith (B.S. M.S.) 1947
Associate Professor in Metallurgy



Dr. Terrance McNulty
M.S. Metallurgical Engineering 1963; Inducted into the
NATIONAL ACADEMY OF ENGINEERING 2005

MONTANA COLLEGE OF MINERAL SCIENCE AND TECHNOLOGY (1965-1994)
(1965 Humanities and Social Studies added to the Engineering Curriculum as electives)

1965-1967 **Vernon Griffiths (B.S. M.S. ScD.) 1959**
Professor and Head of Metallurgical Engineering
Fathi Habashi (B.S. Dr. Techn) 1963
Associate Professor of Metallurgy
Dr. Habashi authored many text book covering Extractive Metallurgy, e.g., "Handbook of Extractive Metallurgy"
Ralph Smith (B.S. M.S.) 1947
Associate Professor in Metallurgy



1967-1969 **Vernon Griffiths (B.S. M.S. ScD.) 1959**
Professor and Head of Metallurgical Engineering

Senior in Mineral Dressing
Andrew L. Mular (B.S.) 1959
Fellow in Mineral Dressing



3/37 **Donald W. McGlashan** (B.S. M.S.) 1946
Research Professor of Mineral Dressing
Albert R. Rule 1960
Graduate Research Fellow
Theodore S. Jordan (B.S.) 1958
Instructor in Mineral Dressing

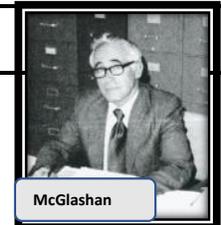
The MINERAL DRESSING option in METALLURGICAL ENGINEERING became the MINERAL DRESSING B.S. DEGREE 1963

3/39 **Donald W. McGlashan** (B.S. M.S.) 1946
Research Professor of Mineral Dressing

3/41 **Donald W. McGlashan** (B.S. M.S.) 1946
Research Professor of Mineral Dressing
Gordon F. Ziesing (B.S.) 1963
Instructor in Mineral Dressing
Robert L. Burns (B.S. M.S.) 1963
Research Fellow of Mineral Dressing



3/48 **Donald W. McGlashan** (B.S. M.S.) 1946
Research Professor of Mineral Dressing
Wilbur J. Guay (B.S. M.S. D.Sc)
Assistant Professor of Mineral Dressing
Allen D. Rovig (B.S. M.S.) 1966
Assistant Professor of Mineral Dressing



THE ORE DRESSING DEPARTMENT became the MINERAL PROCESSING DEPARTMENT (1966 OR 1967)

3/50 **Donald W. McGlashan** (B.S. M.S.) 1946
Vice President and Director of Research and



Fathi Habashi (B.S. Dr. Techn) 1963

Associate Professor of Metallurgy

Ralph Smith (B.S. M.S.) 1947

Professor in Metallurgy

Development and Professor and Head of Mineral Dressing Engineering Department

Allen Dan Rovig (1961 B.S. 1965 M.S.) 1966

Assistant Professor of Mineral Dressing. Honorary Doctorte 1985

Guido Villena (B.S. M.S.) 1968

Assistant Professor of Mineral Dressing



Rovig

1969-1971 **Vernon Griffiths** (B.S. M.S. ScD.) 1959

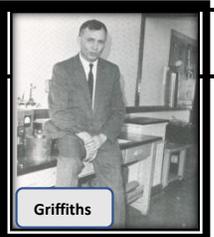
Professor and Head of Metallurgical Engineering

Larry G. Twidwell (B.S. M.S. D.Sc.) 1969

Associate Professor of Metallurgy

Ralph Smith (B.S. M.S.) 1947

Professor in Metallurgy



Griffiths

3/56

Donald W. McGlashan (B.S. M.S.) 1946

Vice President and Director of Research and Development and Professor and Head of Mineral Dressing Engineering Department

Guido Villena (B.S. M.S.) 1968

Assistant Professor of Mineral Dressing



Villena

1971-1973 **Vernon Griffiths** (B.S. M.S. ScD.) 1959

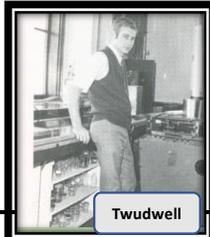
Professor and Head of Metallurgical Engr

Larry G. Twidwell (B.S. M.S. D.Sc.) 1969

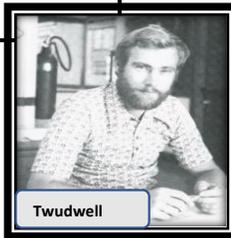
Associate Professor of Metallurgy

Ralph Smith (B.S. M.S.) 1947

Professor of Metallurgy



Twidwell



Twidwell

Donald W. McGlashan (B.S. M.S.) 1946

Vice President and Director of Research and Development and Professor and Head of Mineral Dressing Engineering Department

Gordon F. Ziesing (B.S.) 1972

Assistant Professor of Mineral Dressing Engineering Department

1973-1975 **Vernon Griffiths** (B.S. M.S. ScD.) 1959

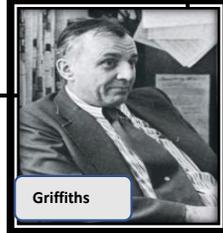
Professor and Head of Metallurgical Engineering Acting Director of Research; Executive Director of MCMST Foundation; Professor of Metallurgy

Larry G. Twidwell (B.S. M.S. D.Sc.) 1969

Associate Professor of Metallurgy

Ralph Smith (B.S. M.S.) 1947

Emeritus Professor of Metallurgy



Griffiths

2/57

Donald W. McGlashan (B.S. M.S.) 1946

Vice President and Director of Research and Development and Professor and Head of Mineral Dressing Engineering Department

Gordon F. Ziesing (B.S.) 1972

Associate Professor of Mineral Dressing Engineering

Gordon I. Zucker (B.S. M.S. D.Eng.Sc) 1975

Associate Professor of Mineral Dressing Engineering

THE MINERAL DRESSING degree became the MINERAL PROCESSING DEGREE 1975

1975-1977 **Vernon Griffiths** (B.S. M.S. ScD.) 1959

Professor and Head of Metallurgical Engineering Acting Director of Research; Executive Director of MCMST Foundation; Professor of Metallurgy

Larry G. Twidwell (B.S. M.S. D.Sc.) 1969

Associate Professor of Metallurgy

William D. Callister (B.S. M.S. PhD) 1975

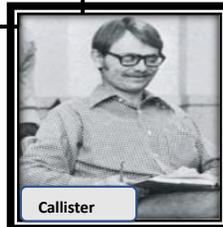
Adjunct Assistant Professor of Metallurgical Engineering

Dr. Callister wrote many text books on the subject "Materials Science and Engineering: An Introduction"

Thomas R. Shelly (B.A. PhD) 1976

Adjunct Assistant Professor of Metallurgical Engineering

Donald W. McGlashan (B.S. M.S.) 1946



Callister

Gordon F. Ziesing (B.S. M.S.) 1972

Associate Professor of Mineral Dressing Engineering and Chairman of the Mineral Processing Department

Gordon I. Zucker (B.S. M.S. D.Eng.Sc) 1975

Associate Professor of Mineral Processing Engineering



Emeritus Professor of Mineral Processing Engineering

Ralph Smith (B.S. M.S.) 1947

Emeritus Professor of Metallurgy



Shelly

The METALLURGICAL ENGINEERING and MINERAL PROCESSING ENGINEERING PROGRAMS were combined into the METALLURGY and MINERAL PROCESSING ENGINEERING DEPARTMENT (1977)

METALLURGICAL and MINERAL PROCESSING DEPARTMENT (1977-1990)

1977-1980

Gordon F. Ziesing (B.S. M.S.) 1972

Associate Professor of Mineral Dressing Engineering and Chairman of Metallurgy and Mineral Processing Department

Vernon Griffiths (B.S. M.S. ScD.) 1959

Director of Research; Executive Director of MCMST Foundation; Professor of Metallurgy

Gordon I. Zucker (B.S. M.S. D.Eng.Sc) 1975

Associate Professor of Metallurgy and Mineral Processing and Coordinator of Mineral Processing Engineering Program

Larry G. Twidwell (B.S. M.S. D.Sc.) 1969

Associate Professor of Metallurgy and Mineral Processing Engineering

Hsin Hsiung Huang (B.S. M.S. PhD) 1978

Associate Professor of Metallurgy and Mineral Processing Engineering

Thomas R. Shelly (B.A. PhD) 1976

Adjunct Assistant Professor of Metallurgical Engineering

Fred W. DeMoney (B.S. M.S. PhD) 1972

President and Professor of Metallurgy

Jewell I. Rasamussen (B.S. M.S. PhD) 1978

Adjunct Associate Professor of Metallurgy and Mineral Processing Engineering Program

Jerry G. Plunkett (B.S. PhD) 1979

Adjunct Professor of Metallurgy and Mineral Processing Engineering

Jean Bishop 1979-1980

Department Administrative Assistant

Donald W. McGlashan (B.S. M.S.) 1946

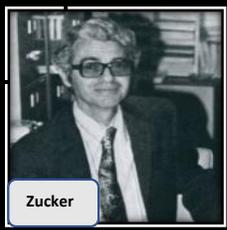
Emeritus Professor of Mineral Processing Engineering

Ralph Smith (B.S. M.S.) 1947

Emeritus Professor of Metallurgy



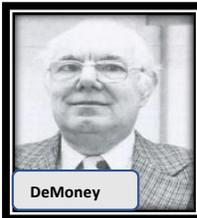
Ziesing



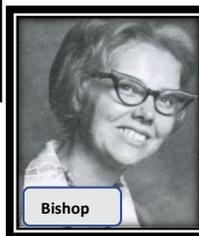
Zucker



Huang



DeMoney



Bishop

1980-1983

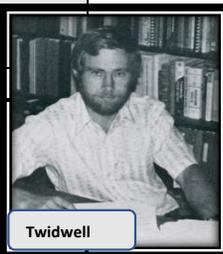
Larry G. Twidwell (B.S. M.S. D.Sc.) 1969

Professor and Acting Head of Metallurgy and Mineral Processing Engineering Department 1980, 1981, 1982 (One Semester Sabbatical) and 1983. Anil Metha (B.S. M.S. Taught Twidwell Courses 1982

Dr. Twidwell authored four Extractive Metallurgy textbooks; e.g. "Unit Processes in Extractive Metallurgy, Hydro, Pyro, Electro, and Physical Chemistry of Iron and Steel Making"

Gordon F. Ziesing (B.S. M.S.) 1972

Associate Professor and Head of Metallurgy and Mineral Processing Engineering Department (on Leave 1980)



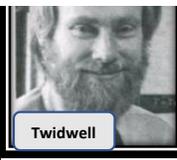
Twidwell



Twidwell



Gordon I. Zucker (B.S. M.S. D.Eng.Sc) 1975
Associate Professor of Metallurgy and Mineral Processing and Coordinator of Mineral Processing Engineering Program



Vernon Griffiths (B.S. M.S. ScD.) 1959

Director of Research and Graduate Studies

Professor of Metallurgy and Mineral Processing Engineering

Robert G. Robins (B.S. M.S. PhD) 1981

Visiting Professor (one semester)

Hsin Hsiung Huang (B.S. M.S. PhD) 1978

Associate Professor of Metallurgy and Mineral Processing Engineering

Samuel C. Miller (MetE. M.S. PhD) 1980

Associate Professor of Metallurgy and Mineral Processing Engineering

Jerry G. Plunkett (B.S. PhD) 1979

Adjunct Professor of Metallurgy and Mineral Processing Engineering

William L. Huestis (B.S.) 1983

Adjunct Instructor and Director of Metallurgy and Mineral Processing Engineering Laboratories

Theodore S. Jordan (B.S. M.S.) 1982

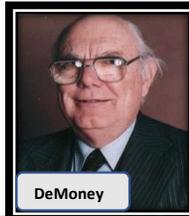
Assistant Professor of Metallurgy and Mineral Processing Engineering

Fred W. DeMoney (B.S. M.S. PhD) 1972

President and Professor of Metallurgy

Rosalie Murphy 1981-2001

Department Administrative Assistant



Donald W. McGlashan (B.S. M.S.) 1946

Emeritus Professor of Mineral Processing Engineering

Ralph Smith (B.S. M.S.) 1947

Emeritus Professor of Metallurgy

1984-1986 **Vernon Griffiths** (B.S. M.S. ScD.) 1959

Professor and Head of Metallurgy and Mineral Processing Engineering Department

Gordon I. Zucker (B.S. M.S. D.Eng.Sc) 1975

Associate Professor of Metallurgy and Mineral Processing and Coordinator of Mineral Processing Engineering Program

Larry G. Twidwell (B.S. M.S. D.Sc.) 1969

Professor of Metallurgy and Mineral Processing Engineering

Hsin Hsiung Huang (B.S. M.S. PhD) 1978

Associate Professor of Metallurgy and Mineral Processing Engineering

Theodore S. Jordan (B.S. M.S.) 1982

Assistant Professor of Metallurgy and Mineral Processing Engineering

Hassan El Shall (B.S. M.S. D.Sc) 1985

Adjunct Assistant Professor of Metallurgy and Mineral Processing Engineering



Kathleen Kitto (B.S. M.S.) 1984

Adjunct Instructor in Metallurgy and Mineral Processing Engineering

William L. Huestis (B.S.) 1983

Adjunct Instructor and Director of Metallurgy
and Mineral Processing Engineering Laboratories

Fred W. DeMoney (B.S. M.S. PhD) 1972

President and Professor of Metallurgy

Rosalie Murphy 1981-2001

Department Administrative Assistant

President and Professor of Metallurgy

Donald W. McGlashan (B.S. M.S.) 1946

Emeritus Professor of Mineral Processing Engineering

Ralph Smith (B.S. M.S.) 1947

Emeritus Professor of Metallurgy



Kitto

1986-1988

Theodore S. Jordan (B.S. M.S.) 1982

**Professor and Program Director Metallurgy and Mineral
Processing Engineering Department**

Vernon Griffiths (B.S. M.S. ScD.) 1959

Professor of Metallurgical Engineering

Larry G. Twidwell (B.S. M.S. D.Sc.) 1969

Professor of Metallurgical Engineering

Hsin Hsiung Huang (B.S. M.S. PhD) 1978

Associate Professor of Metallurgical Engineering

William L. Huestis (B.S.) 1983

Adjunct Instructor and Director of

Metallurgical Engineering Laboratories

Gordon I. Zucker (B.S. M.S. D.Eng.Sc) 1975

Professor of Metallurgical Engineering

Hassan El Shall (B.S. M.S. D.Sc) 1985

Adjunct Assistant Professor of Metallurgy and

Mineral Processing Engineering

Fred W. DeMoney (B.S. M.S. PhD) 1972

President and Professor of Metallurgy

Rosalie Murphy 1981-2001

Department Administrative Assistant

Donald W. McGlashan (B.S. M.S.) 1946

Emeritus Professor of Mineral Processing Engineering

Ralph Smith (B.S. M.S.) 1947

Emeritus Professor of Metallurgy



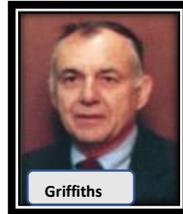
Jordan



Jordan



Jordan



Griffiths

1988-1989

Theodore S. Jordan (B.S. M.S.) 1982

**Professor and Program Director Metallurgy and Mineral
Processing Engineering Department**

Vernon Griffiths (B.S. M.S. ScD.) 1959

Professor of Metallurgical Engineering

Larry G. Twidwell (B.S. M.S. D.Sc.) 1969

Professor of Metallurgical Engineering

Hsin Hsiung Huang (B.S. M.S. PhD) 1978
Associate Professor of Metallurgical Engineering

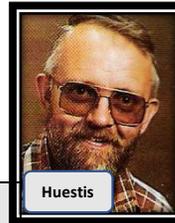
Gordon I. Zucker (B.S. M.S. D.Eng.Sc) 1975
Professor of Metallurgical Engineering

William L. Huestis (B.S.) 1983
Adjunct Instructor and Director of
Metallurgical Engineering Laboratories

Rosalie Murphy 1981-2001
Department Administrative Assistant

Donald W. McGlashan (B.S. M.S.) 1946
Emeritus Professor of Mineral Processing Engineering

Ralph Smith (B.S. M.S.) 1947
Emeritus Professor of Metallurgy



CENTER FOR ADVANCED MATERIALS PROCESSING (CAMP)
(Formerly the CENTER FOR ADVANCED METALLURGICAL PROCESSING)
founded by L.G. Twidwell (1989)

1989-1990 **Theodore S. Jordan** (B.S. M.S.) 1982
**Professor and Program Director Metallurgy and Mineral
Processing Engineering Department**

Vernon Griffiths (B.S. M.S. ScD.) 1959
Professor of Metallurgical Engineering

Larry G. Twidwell (B.S. M.S. D.Sc.) 1969
Professor of Metallurgical Engineering

Hsin Hsiung Huang (B.S. M.S. PhD) 1978
Associate Professor of Metallurgical Engineering

William L. Huestis (B.S.) 1983
Adjunct Instructor and Director of
Metallurgical Engineering Laboratories

Gordon I. Zucker (B.S. M.S. D.Eng.Sc) 1975
Professor of Metallurgical Engineering

Samuel Worcester (B.S. M.S.) 1989
Associate Professor of Metallurgical Engineering

Rosalie Murphy 1981-2001
Department Administrative Assistant

Donald W. McGlashan (B.S. M.S.) 1946
Emeritus Professor of Mineral Processing Engineering

Ralph Smith (B.S. M.S.) 1947
Emeritus Professor of Metallurgy



METALLURGICAL ENGINEERING DEPARTMENT (1990-2001)

1990-1991 **Theodore S. Jordan** (B.S. M.S.) 1982
**Professor and Head of Metallurgical Engineering and
Director of the Center of Excellence for Metallurgical**

Processing (CAMP)

Vernon Griffiths (B.S. M.S. ScD.) 1959

Professor of Metallurgical Engineering

Larry G. Twidwell (B.S. M.S. D.Sc.) 1969

Professor of Metallurgical Engineering

Hsin Hsiung Huang (B.S. M.S. PhD) 1978

Associate Professor of Metallurgical Engineering

William L. Huestis (B.S.) 1983

Adjunct Instructor and Director of

Metallurgical Engineering Laboratories

Gordon I. Zucker (B.S. M.S. D.Eng.Sc) 1975

Professor of Metallurgical Engineering

Samuel Worcester (B.S. M.S.) 1989

Associate Professor of Metallurgical Engineering

Rosalie Murphy 1981-2001

Department Administrative Assistant

Donald W. McGlashan (B.S. M.S.) 1946

Emeritus Professor of Mineral Processing Engineering

Ralph Smith (B.S. M.S.) 1947

Emeritus Professor of Metallurgy



Murphy

1991-1993 **Theodore S. Jordan** (B.S. M.S.) 1982

**Professor and Head of Metallurgical Engineering and
Director of the Center of Excellence for Metallurgical
Processing (CAMP)**

7/112

Vernon Griffiths (B.S. M.S. ScD.) 1959

Professor of Metallurgical Engineering

Larry G. Twidwell (B.S. M.S. D.Sc.) 1969

Professor of Metallurgical Engineering

Hsin Hsiung Huang (B.S. M.S. PhD) 1978

Associate Professor of Metallurgical Engineering

William L. Huestis (B.S.) 1983

Adjunct Instructor and Director of

Metallurgical Engineering Laboratories

Gordon I. Zucker (B.S. M.S. D.Eng.Sc) 1975

Professor of Metallurgical Engineering

Samuel Worcester (B.S. M.S.) 1989

Associate Professor of Metallurgical Engineering

Rosalie Murphy 1981-2001

Department Administrative Assistant

Donald W. McGlashan (B.S. M.S.) 1946

Emeritus Professor of Mineral Processing Engineering

Ralph Smith (B.S. M.S.) 1947

Emeritus Professor of Metallurgy

MONTANA TECH OF THE UNIVERSITY OF MONTANA (1994-2017)

1993-1995 **Theodore S. Jordan** (B.S. M.S.) 1982

**Professor and Head of Metallurgical Engineering and
Director of the Center of Excellence for Metallurgical
Processing (CAMP)**

Vernon Griffiths (B.S. M.S. ScD.) 1959

Professor of Metallurgical Engineering

Larry G. Twidwell (B.S. M.S. D.Sc.) 1969

Professor of Metallurgical Engineering

Hsin Hsiung Huang (B.S. M.S. PhD) 1978

Associate Professor of Metallurgical Engineering

William L. Huestis (B.S.) 1983

Adjunct Instructor and Director of
Metallurgical Engineering Laboratories

Gordon I. Zucker (B.S. M.S. D.Eng.Sc) 1975

Professor of Metallurgical Engineering

Samuel Worcester (B.S. M.S.) 1989

Associate Professor of Metallurgical Engineering

Courtney A. Young (B.S. M.S. PhD) 1993

Post Doc In Metallurgical Engineering

Rosalie Murphy 1981-2001

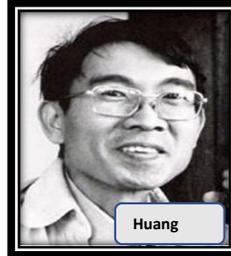
Department Administrative Assistant

Donald W. McGlashan (B.S. M.S.) 1946

Emeritus Professor of Mineral Processing Engineering

Ralph Smith (B.S. M.S.) 1947

Emeritus Professor of Metallurgy



1995-1997 **Samuel Worcester** (B.S. M.S.) 1989

**Professor and Department Head of
Metallurgical Engineering**

Professor of Metallurgical Engineering

Larry G. Twidwell (B.S. M.S. D.Sc.) 1969

Professor of Metallurgical Engineering

Hsin Hsiung Huang (B.S. M.S. PhD) 1978

Professor of Metallurgical Engineering

Courtney A. Young (B.S. M.S. PhD) 1995

Assistant Professor of Metallurgical Engineering

William L. Huestis (B.S.) 1983

Adjunct Instructor and Director of
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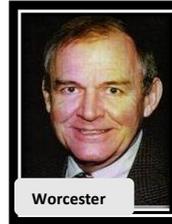
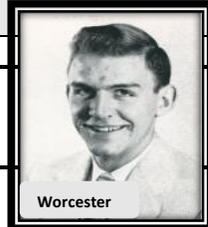
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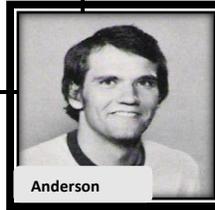
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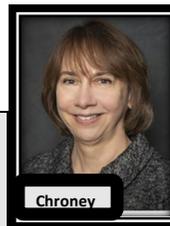
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Gordon I. Zucker (B.S. M.S. D.Eng.Sc) 1975
Emeritus Professor of Metallurgical Engineering
Ralph Smith (B.S. M.S.) 1947
Emeritus Professor of Metallurgical Engineering

2019-2020 **Courtney A. Young** (B.S. M.S. PhD) 1995
Professor and Department Head of Metallurgical and Materials Engineering

Jerome P. Downey (B.S., M.S., PhD) 2006
Professor of Metallurgical and Materials Engineering
Avimanyu Das (B.B.,M.S., ScD)
Associate Professor of Metallurgical and Materials Engineering
K.V. Sudhakar (B.S., M.S., PhD) 2008
Associate Professor of Metallurgical and Materials Engineering
Jannett Chroney (B.S., M.S.) 2014
Adjust Assistant Professor
Kris Leipheiner 2019-2022
Department Administrative Assistant

Donald W. McGlashan (B.S. M.S.) 1946
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Vernon Griffiths (B.S. M.S. ScD.) 1959
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Named the 2020 Recipient of the **Antoine M. Gaudin Award**

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Jannett Chorney (B.S., M.S.) 2014

Adjunct Assistant Professor of Metallurgical and Materials Engineering

Grant Wallace (B.S. M.S. PhD) 2021

Adjunct Research Associate of Metallurgical and Materials Engineering

Kris Leipheimer 2021

Department Administrative Associate

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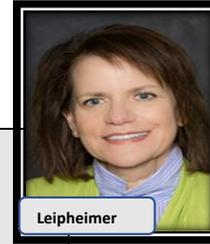
Emeritus Professor of Metallurgical Engineering



Das



Sudhakar



Leipheimer



Wallace

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Associate Professor of Metallurgical and Materials Engineering

Mario Caccia (B.S. M.S. PhD) 2022

Assistant Professor of Metallurgical and Materials Engineering

Jannett Chorney (B.S., M.S.) 2014

Adjunct Assistant Professor of Metallurgical and Materials Engineering

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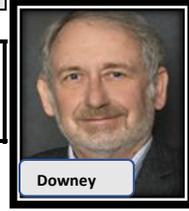
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Downey



Downey

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