

Pre- World War II Purdue Aeronautical Engineering (ME) Faculty

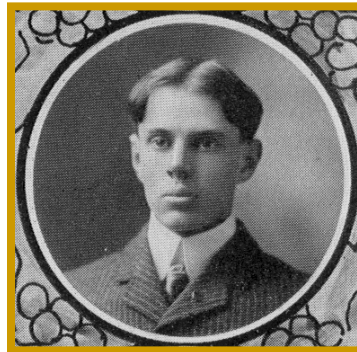
Although an independent school of aeronautical engineering was not established on the Purdue campus until 1945, aeronautical engineering activities date to 1910, and involved the following faculty from the School of Mechanical Engineering.

- 1910 – Prof C. B. Veal starts Aero Club
- 1921 – First Aeronautical Engineering (AE) courses in ME by Prof. M. L Thornburg
- 1924-26 – AE taught by Profs. A. C. Staley & E. F. Burton
- 1926-29 – Prof. W. A. Bevan hired for AE
- 1929-37 – Prof. G. W. Haskins runs AE program
- 1937 – Profs. K. D. Wood and J. Liston join Purdue
- 1941 – Prof. E. F. Bruhn hired, becomes 1st school head in 1945

PURDUE UNIVERSITY
School of Aeronautics and Astronautics

Cicero Bailey Veal (1910)

- BSME 1902
- 1905-1917: Professor of Mechanical Engineering
- **1910 – organized Purdue Aero Club – believed to be first formal Purdue connection with aeronautics**
- Aviation talks to Purdue ASME chapter
 - 1911: “Aviation Problems of the Past, Present, and Future”
 - 1912: “Aerial Engineering”
 - 1913: “Aeroplanes”



1902 Debris photograph

PURDUE UNIVERSITY
School of Aeronautics and Astronautics

Martin Lynn Thornburg (1921-24)

- 1915: BSME Purdue, from Knightstown, Indiana
- Veteran, Air Services
- 1919-1924: ME faculty
- **1921: Taught first aeronautical engineering classes at Purdue**
- 1924: moved to University of Arizona, became Head of ME in 1928



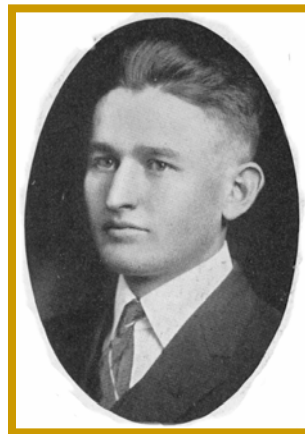
1915 Debris
Photograph
and quote

Although "Baldy" is rated as a shark and is certainly a wonder at anything which requires grey matter, he does not care for high marks, and lets no opportunity for a good time slip by him.

PURDUE UNIVERSITY
School of Aeronautics and Astronautics

Elbert Franklin Burton (1924-26)

- 1914 BSME, from Sheridan, Indiana
- Head of ME refrigeration department
- **1924-26: taught aeronautical engineering courses with Professor Staley**
- 1928: killed in automobile accident while attending American Legion convention in Texas



1914 Debris photo
and quote

"Identified with the bon ton of the society world. Upon his graduation many "Belles" will miss his smiling countenance at the receptions and balls for which Lafayette is now famous."

PURDUE UNIVERSITY
School of Aeronautics and Astronautics

Alan Conkling Staley (1924-26)

- Ph.B 1908, M.E. 1914, Yale
- 1914 - : Purdue ME professor of gas and automotive engineering
- 1920's: designed and built a steam powered automobile at Purdue
- Coach of Purdue Fencing Team (also at Yale)
- **1924-26: taught aeronautical engineering courses with Prof. Burton**



1924 Debris photograph

PURDUE School of Aeronautics and Astronautics

Professor (Major) William A. Bevan (1926-29)

- US Army Air Services (February 1918 - December 1922)
- Culver Military Academy (July 1923 - July 1925)
 - Aeronautics instructor
 - Ground school & aviation
- 1926: Joined Purdue ME
 - Assistant Professor of Aeronautical Engineering
 - Associate Professor 1928
- 1929: Left Purdue for Iowa State
 - Professor of Aeronautical Engineering



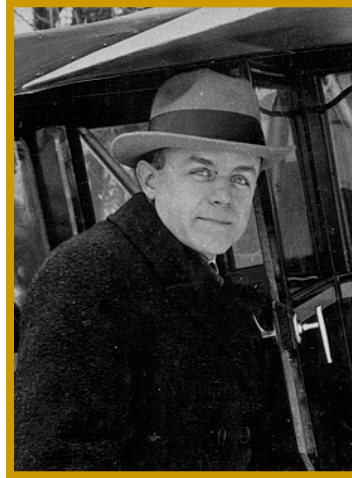
(Born 11 March 1876, Died 5 July 1943)

First new Purdue professor hired to teach aeronautical engineering

PURDUE School of Aeronautics and Astronautics

Professor (Captain) George W. Haskins (1929-37)

- Born 11 March 1892
- 1916: BSME Purdue
- 1917-1922 U.S. Air Service
- 1919: First alum to land aircraft on Purdue campus
- **1929-37: Headed Purdue Aeronautics Division as ME professor**
- Left Purdue 30 June 1937
 - returned to Air Corps
 - later Civil Aeronautics Board

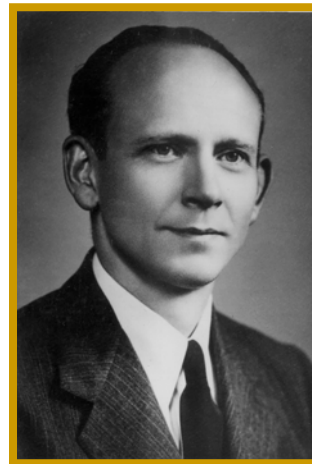


January 1930 photograph

PURDUE School of Aeronautics and Astronautics

Karl Dawson Wood (1937-1944)

- BSME 1922, ME 1926, Cornell, PH. D. 1955 Michigan
- Pre-Purdue experience:
 - Cornell faculty (Engineering Mechanics)
 - Consolidated-Vultee, San Diego
 - Design Textbook (1934)
- Joined Purdue Fall 1937 (professor)
- **Major contributor to technical growth of Purdue Aero programs**
- Left Purdue 1944 for University of Colorado (Head 1948-56)

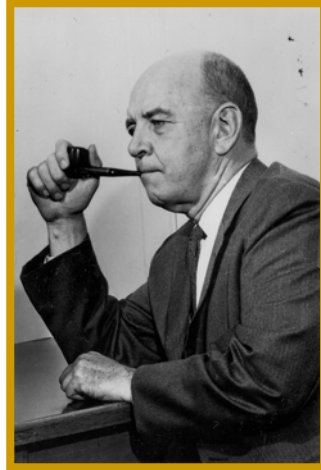


1898-1995

PURDUE School of Aeronautics and Astronautics

Joseph Liston (1937–1972)

- BSME 1930, MSME Purdue, 1935
- Naval aviator
- Joined Purdue faculty Fall 1937
 - Assistant Professor
 - prior Univ. Oklahoma/ME
- Interest in aircraft engines
- Known as “Piston Joe”
- ***Developed aircraft engine laboratories***
- Co-authored text with Prof. Paul Stanley:
“Creative Product Evolvement”
- Retired 1972 (35 years)

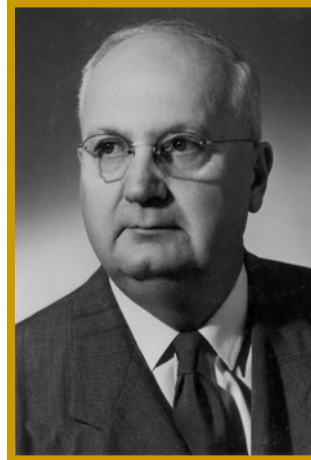


1906 - 1978

PURDUE
UNIVERSITY School of Aeronautics and Astronautics

Elmer F. Bruhn (1941–1967)

- BSCE Univ. of Ill. (1923), MS Col. School Mines(1925)
- Taught 5 years at CSM
- 12 years in industry
 - North American Aviation
 - Vought-Sikorsky
- Joined Purdue January 1941
- Structures/design area
- Wrote Structural design textbook
 - 1943, 1965, 1973 versions
 - Over 100,000 copies sold: “The Bible”
- ***First Head of AE: 1945-50***
- Retired 1967, Honorary Doctorate 1975



1899-1984

PURDUE
UNIVERSITY School of Aeronautics and Astronautics