"Science Genealogy" of William A Fowler ("Willy")

Bassiano Landi
(see math geneaology project for more generations)

Theodor Zwinger
1533-1588, Physician & Humanist
Encyclopedia

Petrus Ryff
1552-1629, Mathematics & Physician
Basler Chroniken

Emmanuel Stupanus
1587-1664, Physician
Chair of Theoretical Meds, Basel

Franciscus Sylvius
1614-1672, Physician
First academic chemical labs

Burchard de Volder
1643-1709, Natural Philosophy
U of Leiden Physics demos

Herman Boerhaave
1668-1736, Physician
founder of academic hospitals

Gerard van Swieten
1700 - 1772, Physician
Austrian health service

Anton von Störck
1731 - 1803, Physician
Vienna; Poisonous plants

Joseph Barth
1748-1818, Opthalmologist
Vienna

Georg Joseph Beer
1763-1821, Opthamologist
Vienna

Philipp Frans von Walther
1782-1849, Surgeon

Friedrich Leibniz
1597-1652, Philosopher
Father of G. Leibniz

Jakob Thomasius
1622-1684, Philosopher
Leipzig

Otto Mencke
1644-1707, Mathematician
Leipzig (first science journal)

Gottfried Leibniz
1646-1716, Math and Philosopher
Calculators, binary arithmetic

Johann Wichmannshausen
1663-1727, Philologist
Leipzig (36826 descendants)

Christian Hausen
1693-1743, Mathematician, Physicist
static electricity

Abraham Kästner
1719-1800, Mathematician
Mathematics Textbooks

Johann Erxleben
1744-1777, Naturalist, Physicist
First veterinary school, Mother first MD in Germany

Christian von Weigel
1748-1831, Chemist
Cooling heat exchanger

Karl Rudolphi
1771-1832, Naturalist
Father of helminthology

Johannes Peter Müller
1801-1858, Physiologist
Study of nerves

Hermann von Helmholtz
1821-1894,Physicist
Conservation of Energy, Helmholtz coils

Michal I. Pupin
1858-1935, Physicist
Edison Medal, Pulitzer Prize

Albert Michelson
1852-1931, Physicist
Nobel 1907 (Speed of Light, Michelson-Morley)

Robert A. Millikan
1868-1953, Physicist
Nobel, 1923 (charge of electron)

William Pickering
1858 - 1938
Discovered Phoebe

Charles C. Lauritsen
1892-1968, physicist
Danish Academy of Science

William A. Fowler
1911- 95, Astrophysicist
Nobel (1983)

Ebenezer Adams
1765 - 1841, Natl Philosophy
Dartmouth

Ira Young
1801 - 1858, Astronomer
Shattuck Observatory

Charles Augustus Young
1834 - 1908, Solar Astronomer
Janssen Medal, solar prominences

Henry Norris Russell
1877 - 1957, Astronomer
Princeton Obs Dir, H-R Diagram

Donald M. Menzel
1901 - 1976, Astrophysicist
Harvard Obs Dir

Harlow Shapley
Lyman Spitzer

David Layzer
Physicist
Cosmogenesis

postdoc

John N. Bahcall
1934-2005, Astrophysicist,
Hubble Space Telescope

F. Curtis Michel,
1934-2015
Astrophysicist
Pulsar
Magnetospheres

PhD Students:
Juergen Krause-Polstorff, Bob LaQuey, Bob Manka, Jerry Modisette, Cliff Morris, Michael Pelizzari, Steven Sturner

MS Students:
Donald Ellison
Peter Thacker

Donald C Clayton
1935 - 2024, Astrophysicist
Nucleosynthesis

PhD: Eliahu Dwek, Hal Goldwire, Kem Hainebach, Mike Howard, John Morgan, Mike Newman, Irini Pantalaki, Richard Ward
MS Students:
Sydney Falk, Paul Scowen, Steve Sturner
At Clemson:
Tracy Krishnan, Ethan Deneault, Ahmad Abdel-Hadi

Stanford E. Woosley
1944 - , Astrophysicist
Rossi Prize, Bethe Prize
UCO/Lick Obs.

Candace Joggerst, Lisa Ensman, Dieter Hartmann, Rob Hoffman, Luke Roberts, Haltao Ma, Andrew McFadyen, Phil Pinto, Tulguldur Sukhbold, Rick Wallace, Weiqun Zhang, Elizabeth Lovegrove, Justin Brown

Mark Leising
1960 - ,
Astrophysicist
Clemson

Thomas Bridgman, Kenji Watanabe, Peter Milne, Jessica Lair, Keith Davis, Mark Theiling, Bethany Johns, Ginger Bryngelson

Kurt Liffman
1960 - ,
Astrophysicist
Swinburne

Kanni Muniandy, Francesco C.Pignatale, Geoffrey Bryan

Richard A Wolf
1939 - , Space Physicist
Rice Convection Model, Fellow AGU

Abel (AJ) Chen
194 -2021
Space Physicist
Taiwan

C. C. Lin
C. H. Liu

Luis Dias, Gary Erickson, Trevor Garner, Shuo Ji, Janice Karty, Dae-Young Lee, Chung-An Lin Horace Mitchell, Kaan Ozturk, Peter Riley, Adam Usadi, Xiaoyan Xing, Brian Zwan
MS: Alex Calder, Michikazu Hojo

Lin-Ni Hau
195 -
Space Physicist,
Taiwan

Sing-Wei Chiou, Bo-Jhou Wang, Marty Chou, Wai-Leong Teh, Kuan-Wu Lee, Chun-Sung Jao, Shi-Hao Chuang, Yu-Chieh Chou, Yan-Ting Lai

Chuxin Chen
196 -
Space Physicist

Ya-Fen Yang, Dong-Shang Tong

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