

Baker Hughes Tech Facts Engineering Handbook

Henry M. Morris

(Virginia Tech) to serve as Professor of Civil Engineering in the area of hydraulics, and to serve as department chairman for civil engineering. There,

Henry Madison Morris (October 6, 1918 – February 25, 2006) was an American young Earth creationist, Christian apologist and engineer. He was one of the founders of the Creation Research Society and the Institute for Creation Research. He is considered by many to be "the father of modern creation science". He coauthored The Genesis Flood with John C. Whitcomb in 1961.

Morris adhered to both biblical literalism and inerrancy. Accordingly, he opposed the billions-of-years time scales of evolution, the age of the Earth and the age of the Universe. Morris's influential approach, while adopted widely by the modern creationist movement, continues to be rejected by the mainstream scientific community, as well as by old Earth creationists, intelligent design advocates and theistic evolutionists.

Science, technology, engineering, and mathematics

(SHPE) STEM Academy STEM.org STEM pipeline Tech ed Underrepresented group "Science, Technology, Engineering, and Mathematics (STEM) Education: A Primer"

Science, technology, engineering, and mathematics (STEM) is an umbrella term used to group together the distinct but related technical disciplines of science, technology, engineering, and mathematics. The term is typically used in the context of education policy or curriculum choices in schools. It has implications for workforce development, national security concerns (as a shortage of STEM-educated citizens can reduce effectiveness in this area), and immigration policy, with regard to admitting foreign students and tech workers.

There is no universal agreement on which disciplines are included in STEM; in particular, whether or not the science in STEM includes social sciences, such as psychology, sociology, economics, and political science. In the United States, these are typically included...

List of African-American women in STEM fields

women who have made contributions to the fields of science, technology, engineering, and mathematics. An excerpt from a 1998 issue of Black Issues in Higher

The following is a list of notable African-American women who have made contributions to the fields of science, technology, engineering, and mathematics.

An excerpt from a 1998 issue of Black Issues in Higher Education by Julianne Malveaux reads: "There are other reasons to be concerned about the paucity of African-American women in science, especially as scientific occupations are among the most pivotal and highly compensated in the occupational spectrum. Yet, both leaks in the pipeline and gender stereotyping contribute to the under-representation of African-American women in the sciences.

There are organizations that offer scholarships in STEM in the hopes of attracting more women and minority candidates, like Ralph W. Turner Foundation and UNCF STEM Scholarships for undergraduate education...

Cornell University

"Facts about Cornell – Marks of Distinction". Cornell University. Retrieved 1 May 2006. "Universities Report \$55 Billion in Science and Engineering R&D

Cornell University is a private Ivy League research university based in Ithaca, New York, United States. The university was co-founded by American philanthropist Ezra Cornell and historian and educator Andrew Dickson White in 1865. Since its founding, Cornell University has been a co-educational and nonsectarian institution. As of fall 2024, the student body included 16,128 undergraduate and 10,665 graduate students from all 50 U.S. states and 130 countries.

The university is organized into eight undergraduate colleges and seven graduate divisions on its main Ithaca campus. Each college and academic division has near autonomy in defining its respective admission standards and academic curriculum. In addition to its primary campus in Ithaca, Cornell University administers three satellite campuses...

Columbia University

Columbia Business School Langston Hughes: Harlem Renaissance poet, novelist, and playwright — School of Engineering and Applied Science Zora Neale Hurston:

Columbia University in the City of New York, commonly referred to as Columbia University, is a private Ivy League research university in New York City. It was first established in 1754 as King's College by royal charter under George II of Great Britain on the grounds of Trinity Church in Manhattan.

It was renamed Columbia College in 1784 following the American Revolution, and in 1787 was placed under a private board of trustees headed by former students Alexander Hamilton and John Jay. In 1896, the campus was moved to its current location in

Morningside Heights and renamed Columbia University. It is the oldest institution of higher education in New York and the fifth-oldest in the United States.

Columbia is organized into twenty schools, including four undergraduate schools and 16 graduate...

Design management

Design Journal. 6 (198). Glasgow: Council of Industrial Design: 62-69. Hughes-Stanton, Corin (May 1965). "Design Management - Pioneering policies";. Design

Design management is a field of inquiry that uses design, strategy, project management and supply chain techniques to control a creative process, support a culture of creativity, and build a structure and organization for design. The objective of design management is to develop and maintain an efficient business environment in which an organization can achieve its strategic and mission goals through design. Design management is a comprehensive activity at all levels of business (operational to strategic), from the discovery phase to the execution phase. "Simply put, design management is the business side of design. Design management encompasses the ongoing processes, business decisions, and strategies that enable innovation and create effectively-designed products, services, communications...

Speech recognition

Engineering and Technology History Wiki";. ethw.org. 12 January 2015. Archived from the original on 3 April 2018. Retrieved 1 May 2018. "James Baker interview";

Speech recognition is an interdisciplinary sub-field of computer science and computational linguistics focused on developing computer-based methods and technologies to translate spoken language into text. It is also known as automatic speech recognition (ASR), computer speech recognition, or speech-to-text (STT).

Speech recognition applications include voice user interfaces such as voice commands used in dialing, call routing, home automation, and controlling aircraft (usually called direct voice input). There are also productivity applications for speech recognition such as searching audio recordings and creating transcripts. Similarly, speech-to-text processing can allow users to write via dictation for word processors, emails, or data entry.

Speech recognition can be used in determining...

Glossary of artificial intelligence

objects, or facts, in a knowledge base. It is used to determine which of the system's rules should fire based on its data store, its facts. Retrieval augmented

This glossary of artificial intelligence is a list of definitions of terms and concepts relevant to the study of artificial intelligence (AI), its subdisciplines, and related fields. Related glossaries include Glossary of computer science, Glossary of robotics, Glossary of machine vision, and Glossary of logic.

Life extension

ISBN 978-1500818579. Hughes J (20 October 2011). "Transhumanism";. In Bainbridge W (ed.). Leadership in Science and Technology: A Reference Handbook. SAGE Publications

Life extension is the concept of extending the human lifespan, either modestly through improvements in medicine or dramatically by increasing the maximum lifespan beyond its generally-settled biological limit of around 125 years. Several researchers in the area, along with "life extensionists", "immortalists", or "longevists" (those who wish to achieve longer lives themselves), postulate that future breakthroughs in tissue rejuvenation, stem cells, regenerative medicine, molecular repair, gene therapy, pharmaceuticals, and organ replacement (such as with artificial organs or xenotransplantations) will eventually enable humans to have indefinite lifespans through complete rejuvenation to a healthy youthful condition (agerasia). The ethical ramifications, if life extension becomes a possibility...

List of African-American women in medicine

successful career as a nurse in both the 19th and 20th centuries. Lucy Hughes Brown in 1894 became the first African American woman physician in North

African-American women have been practicing medicine informally in the contexts of midwifery and herbalism for centuries. Those skilled as midwives, like Biddy Mason, worked both as slaves and as free women in their trades. Others, like Susie King Taylor and Ann Bradford Stokes, served as nurses in the Civil War. Formal training and recognition of African-American women began in 1858 when Sarah Mapps Douglass was the first black woman to graduate from a medical course of study at an American university. Later, in 1864 Rebecca Crumpler became the first African-American woman to earn a medical degree. The first nursing graduate was Mary Mahoney in 1879. The first dentist, Ida Gray, graduated from the University of Michigan in 1890. It was not until 1916 that Ella P. Stewart became the first African...

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