



Engineering and Science Hall of Fame

Enshrinees

2013 Enshrinees

[Martin Cooper](#)

Inventor of the Personal Cellular Phone

[Sunggyu Lee](#)

Inventor of Alternate Energy and Clean Coal Technologies

[Arthur E. Morgan](#)

Designer of Flood Control Systems of Dams

Inductees from 1982 to 2011 in alphabetical order of last names

Chester F. Carlson	Invented Xerographic Process
George Washington Carver	Developed Many Products from the Peanut
Leland C. Clark, M.D.	Heart-Lung machine, Synthetic Blood
W. Edwards Deming, Ph.D.	Principles of Quality Control
Joseph Desch	Code Breaking Machine in WW II
James H. Doolittle	Night Flight Instruments, Aviation Fuel
Charles R. Drew, M.D.	Production and Preservation of Blood Plasma
Harold E. Edgerton	Super High Speed Photography
Thomas A. Edison	Electric Light, Recording Equipment, etc.
Gertrude Belle Elion	Anti-Rejection Drugs (Imuran)
Enrico Fermi, Ph.D.	Atomic Fission Process
Helen M. Free	Convenient Diagnostic Techniques
Alfred H. Free, Ph.D.	Convenient Diagnostic Techniques
R. Buckminster Fuller	Geodesic Dome and other patents

Frank B. Gilbreth, L.L.D	Time and Motion Studies for Efficiency
Lillian M. Gilbreth	Time and Motion Studies for Efficiency
Meredith Gourdine, Ph.D.	Air Pollution Control, Non-Contact Printing
William Greatbatch	Implantable Cardiac Pacemaker
Barrett K. Green	NCR Carbonless Paper
George W. Hausner, Ph.D.	Earthquake Engineering
Henry J. Heimlich, M.D.	Heimlich Maneuver
Gerhard Herzberg, Ph.D.	Atomic Microscope
Nick Holonyak, Ph.D.	Visible light emitting diode (LED)
Commodore Grace M. Hopper	Computerized U.S. Navy
John Janning	Invented Thermal Print Head
Percy Julian, M.D.	Cortisone, Soya Bean Protein Derivatives
Charles F. Kettering	Auto Starter, Ethyl Gasoline, Quick-dry Paint
Jack S. Kilby	Developed Integrated Circuits
Paul W. Klipsch	Acoustics, Ballistics and Geophysics Contributions
Stephanie Louise Kwolek	Invented Kevlar (strong synthetic fiber)
Mary Leakey	Archeological Studies
Harold McMaster, Ph.D.	Glass Technology, 98 Patents
Donald J. O'Connor, Ph.D.	Water Quality Modeling and Prediction
Hans J. von Ohain, Ph.D.	Invented Jet Engine (Germany)
Linus C. Pauling, Ph.D.	Orbital Theory of Molecular Bonds
David Packard	Co-Founded Hewlett-Packard Company
Roy J. Plunkett	Discovered Teflon
Admiral Hyman G. Rickover	Father of Nuclear Navy
George Rieveschl, Ph.D.	Invented Benadryl
Jonas Salk	Polio Vaccine
Glen T. Seaborg, Ph.D.	Discovered Plutonium and many isotopes

Hamilton O. Smith, M.D.	Discovered Restrictive Enzymes
George R. Stibitz	Father of Digital Computer
C. Paul Stocker	Electrical Engineering Contributions
Nikola Tesla	Alternating Currents
Charles H. Townes, Ph.D.	Technology for Lasers and Masers
James Tsui, Ph.D.	Digital signal processing used to improve GPS receivers
Hardy Trolander	Biosensors for Aerospace Applications
George Westinghouse	Invented Air Brakes for Trains
Sir Frank Whittle	Invented Jet Engine (England)
Orville Wright	First Powered Flight
Wilbur Wright	First Powered Flight
Rosalyn S. Yalow, Ph.D.	Developed Screening Test for Cancers