

Modern Poetics Timeline

- 1080 Rise of the Nizari Ismaelis
1124 Hasan-i-sabbah dies at Alamut
1129 Knights Templar founded
1202 *Liber Abbaci* Fibonacci, introduces Arabic numerals & Hindi/Arabic decimal system
1207 Jalāl ad-Dīn Muhammad Rūmī born in Persia
1225 **Sonnetto** form, Giacomo da Lentino in court of Holy Roman Emp. Frederick II
also in the same court: the canzone
Fibonacci comes to Fred's court, meets the crew
1256 **Alamut sacked by Mongols**
1265 Dante Alighieri born in Florence
1273 Rumi dies
1274 Dante meets **Beatrice**, age 9, love at first sight, sees her frequent in street age 18 onward
1294 *La Vita Nuova* Dante, world's 1st known Sonnet Sequence
1300
1304 *De vulgari eloquentia* Dante on development of vernacular Lit, 1st discussion of sonnets
Francesco Petrarca born, Dante was father's friend
1308 Dante begins *Divine Comedy*, invents **terza rima**
1312 **Knights Templar disbanded by Pope Clement V (began in France 1307 witch-hunts)**
1321 Dante dies, end *Divine Comedy*
1327 Petrarch sees **Laura**, leaves church, never attains her
1346 **Siege Guns used by English at Calais, 1st Gunpowder in Europe**
1348 **Black Death Plague in Europe, to '50, kills 30% -60% of pop, 75m-200million**
1368 last poems of the *Canzoniere* Petrarch
1374 Petrarch dies
1382 *Red Book of Hergest* just post this year
1394 Ikkyū Sojun born at Kyoto court, bastard of Emperor Go Komatsu
1400 Chaucer dies
1401 **Renaissance 'begins' in Florence w/ competing designs for Florence Cathedral doors**
1415 Cosimo de' Medici becomes Priore of Florence
1431 **Joan of Arc burned at the stake**
Francois Villon born
1450 **Printing Press 1st**
1453 **Fall of Constantinople to Ottoman Turks**
1461 *Le Grand Testament* Villon between prison bids
1463 Villon disappears
1471 Ikkyū meets **Mori**
1482 Ikkyū dies
1492 **Columbus plague ships 'discover' Americas**
1497 **Bonfire of the Vanities in Florence, Girolamo Savonarola**
1500 **Printing Press 20 million volumes**
1519 Leonardo da Vinci dies
1521 Martin Luther excommunicated – can't buy salvation
1552 Edmund Spenser born?
1558 **Elizabeth (daughter of Henry VIII) crowned, Dee/Raleigh/Drake, begin British Empire**
Renaissance begins in England
1564 William Shakespeare born
1582 John Dee meets Edward Kelly – Enochian angelic downloads
1588 **Spanish Armada invasion of England fails**
1599 Edmund Spenser dies
1600
1603 **Elizabeth dies, James IV of Scotland**
1609 *Shake-speares Sonnets*
1616 Shakespeare dies

- 1637 *Discourse on Method* Rene Decartes, sets rules for scientific method
- 1650 1st NE Whale fishery Long Island
- 1665 **Great Plague of London**, 70k dead
- 1666 **Great Fire of London**
- 1687 *Principia Mathematica* Isaac Newton
- 1700
- 1718 Edward Teach / Blackbeard KIA age 38
- 1719 *Robinson Crusoe* Daniel Defoe, one of 1st English novels
- 1731 Defoe dies, age 71
- 1737 last Grand Duke de' Medici dies
- 1757 William Blake born
- 1759 Robert Burns born
- 1760 **George II dies, George III**
- 1775 **American Revolutionary War begins**
- 1776 *Declaration of Independence* Thomas Jefferson
Common Sense Thomas Paine
The Wealth of Nations Adam Smith
- 1780 1st Police Force as result of Gordon Riots in London
- 1781 10hp Watt Steam Engine, 1st patent rotary
- 1783 **American Revolutionary War ends**
- 1784 Blake's print shop, Joseph Johnson's house (T. Paine, Wollstonecraft, Godwin, etc)
- 1787 **American Constitution adopted**
- 1791 **Bill of Rights (1-10 Amendments to Am. Consitution)**
Rights Of Man Thomas Paine
- 1793 **Louis XVI executed**
- 1796 Robert Burns dies
- 1800
- 1802 **Napoleonic Wars begin**
Age of Enlightenment ends
- 1803 **Louisiana Purchase** Jefferson (<3 cents/acre = \$15 million)
- 1807 **Internal Combustion 1st**
- 1809 Alfred, Lord Tennyson born
- 1812 **War of 1812**
Napoleon invades Russia
Childe Harold George Gordon, Lord Byron, Europe/Russia fame
Charles Dickens born Portsea, England
- 1814 *The Star Spangled Banner* Francis Scott Key
- 1815 **Battle of Waterloo, Napoleon defeated**
- 1816 Shelleys & Byron in Geneva
- 1818 *Frankenstein*, Mary Shelley
Endymion John Keats
Prometheus Unbound Percy Bysshe Shelley work begins
Shelleys, Byron, Leigh Hunt in Italy
- 1819 *Don Juan* Byron, sections published
Walt Whitman born rural Long Island
Herman Melville born NYC
- 1820 **George III dies, George IV**
- 1821 **Electromagnetism discovered, Faraday Electro-rotation motor**
The Defense of Poetry Shelley essay
Keats dies of tuberculosis & negative reviews, age 26
- 1822 Shelley drowns, boat Don Juan capsizes, age 30
- 1824 Byron dies of fever on maneuvers, age 36
- 1827 William Blake dies
- 1828 Jules Verne born
- 1830 **George IV dies, William IV**
Indian Removal Act / Trail of Tears (Eastern tribes to OK)

- 1831 **4-4-0 Locomotive**
- 1835 Samuel Clemens born MO
- 1836 *Pickwick Papers* Dickens 1st Serialized
- 1837 **Queen Victoria after William IV dies**
Oliver Twist serialized to '39 Dickens
- 1840 Thomas Hardy born
- 1843 *A Christmas Carol* Dickens
- 1845 **US annexes Texas, Mexican American War ('46-'48)**
1st metal ammo cartridge, rimfire, France
The Raven Poe
- 1846 **Peak New England Whaling, to '52**
- 1848 **Pre-Raphaelite Brotherhood founded:** Dante Rossetti, William Hunt, John Millais
The Communist Manifesto Karl Marx
The Mabinogion trans Lady Charlotte Guest
- 1849 **CA Gold Rush**
Poe dies, age 40
- 1851 *Moby Dick* Melville
- 1854 Arthur Rimbaud born
- 1855 *Leaves of Grass* Whitman
- 1857 **Smith & Wesson Model 1, 1st commercial metal cartridge revolver**
Flowers of Evil Baudelaire
- 1859 **1st Commercial Drilled Oil Well, Titusville, PA; begin oil boom**
On the Origin of Species Charles Darwin
- 1860 *Great Expectations* serial Dickens to '61
- 1861 **American Civil War begins**
- 1863 **Emancipation Proclamation Lincoln**
Black Elk born
- 1865 **Am. Civil War ends**
Abraham Lincoln assassinated
Jumping Frog Twain 1st
Alice in Wonderland Lewis Carroll
Five Weeks in a Balloon Jules Verne 1st
William Butler Yeats born in Dublin
- 1866 **2-8-0 Consolidation Locomotive**
Butch Cassidy born
- 1867 **Alaska Purchase**
Das Kapital part 1 Karl Marx, Part 2 '85 & Part 3 '94 ed. Friedrich Engels
- 1869 **Transcontinental Railroad UP & CP meet in Utah**
- 1870 Dickens dies, last serial printed
20,000 Leagues Under the Sea Verne, inspires *The Drunken Boat*
- 1871 **Paris Commune**
The Drunken Boat Rimbaud ('69 1st)
God and the State Mikhail Bakunin
- 1872 **Hague Congress: Bakunin (Social Anarchy) vs Marx (Communism)**
- 1873 **Market Panic**
Around the World in 80 Days Verne
Statism and Anarchy Bakunin
- 1874 Rimbaud stops writing
- 1876 **American Centennial, Colorado becomes a State in US**
Battle of Little Bighorn, Crazy Horse vs. Custer
Bell patents telephone
Tom Sawyer Twain
- 1880 **1st Commercial use carbon filament Light Bulb**
1,300 Reefers on American Rails
Butch Cassidy arrested for IOU age 14
- 1881 Billy the Kid killed by Pat Garret

- 1882 [1st Electric Power Plants London & NYC, Edison](#)
God is Dead Nietzsche *The Gay Science*
 Jesse James murdered by Robert Ford
- 1884 Nikola Tesla emigrates to US, age 29, works for Edison Machine Works
- 1885 Ezra Pound born in Idaho, move to PA age 2
Adventures of Huckleberry Finn Twain
- 1886 **Verse Libre**, *La Vogue* magazine
- 1887 *Mosada: A Dramatic Poem* Yeats 1st
[Karl Benz 1st 'automobile'](#)
- 1888 [Roundhay Garden Scene, 1st Motion Picture](#)
[Hermetic Order of the Golden Dawn founded](#)
- 1889 *The Wanderings of Oisin* Yeats, he meets Maude Gunn
 Gerard Manley Hopkins dies, age 45
- 1890 [Candlestick Telephone introduced](#)
[24,000 Reefers](#)
Wounded Knee Massacre
[Rhymers Club in London](#) founded by Yeats
The Golden Bough Sir James Frazier
- 1891 Melville dies, Rimbaud dies
- 1892 Whitman dies, Alfred Lord Tennyson dies
 Edna St. Vincent Millay born
- 1893 **Market Crash, Silver devalued, 'Railroad Bubble' bursts**
 Stein at Radcliffe(Harvard) student of William James until '97
- 1895 [Ragtime music](#)
The Time Machine HG Wells
- 1896 Butch Cassidy forms Wild Bunch gang in Wyoming
- 1897 *The War of the Worlds, The Invisible Man* HG Wells
Romantic Songs Herman Hesse poetry 1st
- 1899 *The Wind Among the Reeds* Yeats
The Interpretation of Dreams Freud
The Symbolist Movement in Literature Arthur Symons
[The Abbey Theatre Dublin](#) founded by Yeats & Lady Gregory
- 1900 [70,000 Reefers](#)
 Haiku form invented from renga starting lines
The Wonderful Wizard of Oz L. Frank Baum
- 1901 **Victoria dies, Edward VII**
- 1902 WCW, Pound, HD meet at U of Penn
- 1903 [Wright Flyer at Kitty Hawk, NC](#)
[W.C. Handy discovers Delta Blues](#)
 Steins move to Paris, 27 rue de Fleurus
- 1904 [Tungsten filament Light Bulbs](#)
Liber AL vel Legis Crowley
- 1905 **First Convention of Industrial Workers of the World, Chicago**
 Jules Verne dies
- 1906 writing *Making of Americans* Stein to '08 or '11
- 1907 **Financial Panic**
Chamber Music Joyce 1st poems
[Proto-Cubist painting style begins, develops through '11](#)
- 1908 **Ford Model T** affordable automobile
[Newsreel film format P. Freres France](#)
[1st Commercial Radio transmission](#)
 Pound moves to London, age 23, befriends Yeats
A Lume Spento Pound 1st
 Butch Cassidy & Sundance Kid supposedly killed in Bolivia
- 1909 [Cubism begins w/ Picasso according to Stein](#)
Poems Williams 1st book

- 1910 **Edward VII dies, George V**
Georgian Poetry anthology
Rites of Eleusis Crowley performance at Caxton Hall
 Twain dies, Charles Olson born Worcester, MA
- 1911 **Atomic Nucleus identified**
Imagism
 Salon des Independants 1st Cubist exhibition, Paris
- 1912 *Tender Buttons* Stein
Renascence Millay wins 4th in *The Lyric Year* mag, controversy
 Salon de la Section d'Or, Cubist retrospective exhibition, 200 works, Paris
 largest ship RMS Titanic hits iceberg 1500 killed
- 1913 **Federal Reserve Act**
- 1914 **World War One begins**
 Leo Stein moves to Italy w/ part of Stein Collection
 Pound & Eliot meet in England
Dubliners Joyce 1st prose
 William S. Burroughs born in KS?
- 1915 *Des Imagistes* anthology by Pound
The Birth of a Nation D.W. Griffith film, **Hollywood rising**
 Joe Hill framed ('14) & executed: "Don't mourn, Organize."
- 1916 **Theory of Relativity Einstein**
Technicolor introduced (to 1952)
Cabaret Voltaire founded in Zurich by Hugo Ball Tristan Tzara, others, Dada
- 1917 **Bolshevik October Revolution Lenin**
 1st three *Cantos* Pound
Prufrock and Other Observations Eliot 1st
Renascence and Other Poems Edna St. Vincent Millay 1st
 Gwendolyn Brooks born KS, grew up Chicago
- 1918 **World War One ends**
Major Flu epidemic in US
 Pulitzer Prize Sara Teasdale 1st woman
- 1919 **d'Annunzio takes Fiume (through '20): Anarchist Republic**
1st Commercial International Airplane Flight, USA - Canada
- 1920 **Woman's Suffrage 19th Amendment in US, many others**
Prohibition on Alcohol begins
 Jazz Age & Speakeasys
1st Commercial Radio Broadcast
Hugh Selwyn Mauberley Pound
A Few Figs from Thistles Millay on fem sexuality & feminism
 Pound moves to Paris
 Charles Bukowski born
- 1921 **Nobel Prize Physics Einstein**
- 1922 **Soviet Union formed at end Russian Civil War**
Tutankhamen's Tomb discovered by Carter & Herbert
The Waste Land Eliot
Ulysses Joyce
Siddhartha Hesse
The Fugitive mag to 1925
- 1923 *Tulips and Chimneys* Cummings 1st
 Nobel Prize for Poetry to Yeats
 Pulitzer Prize for Poetry Edna St. Vincent Millay (1st woman) for *The Ballad of the Harp Weaver*
- 1924 **Lenin dies, Stalin era follows**
 Pound moves to Italy
 J. Edgar Hoover joins the Bureau of Investigation
Surrealist Manifesto Andre Breton
- 1925 *A Draft of XVI Cantos* Pound

- 1926 [Schrodinger's Quantum equation](#) (published '27)
Rilke dies of leukemia, age 51
- 1927 *A Survey of Modernist Poetry* Graves & Riding
Poem beginning "The" Zukofsky to Pound
Zukovsky begins work on "A"
Thomas Hardy dies
[Last New England Whaling Vessel sails, New Bedford](#)
- 1929 **Great Depression Stock Market Crash**
- 1930 *Seven Types of Ambiguity* William Empson
Whoroscope Samuel Beckett 1st
Gwendolyn Brooks begins prolific magazine poems, age 13
[Swing bands become popular](#)
[Silent Films extinct](#)
- 1931 Hesse begins planning *Glass Bead Game*
- 1932 [Animated Color Cartoons](#)
Black Elk Speaks John Neihardt
- 1933 **Adolf Hitler comes to power**
[End of Prohibition](#)
King Kong Merian C. Cooper film
Black Mountain College founded, NC
- 1934 *I, Claudius* Graves, using analeptic process
John Dillinger killed outside Biograph Theater Chicago
also Bonnie & Clyde, Baby Face Nelson, Pretty Boy Floyd
- 1935 **FBI founded** by J. Edgar Hoover BoI roots
[EPR Paradox paper \(Einstein, Podolsky, Rosen\) QT incomplete](#)
- 1936 **George V dies, Edward VIII abdicates, George VI**
The Hobbit JRR Tolkien
- 1937 [Hindenburg disaster live audio coverage](#)
- 1938 *Murphy* Beckett 1st novel
Understanding Poetry R.P. Warren & Cleanth Brooks, textbook
The War of the Worlds Welles radio [broadcast hoax](#)
- 1939 **World War Two begins, invasion of Poland**
[Manhattan Project begins](#)
[Heinkel He 178 1st turbojet aircraft](#)
Wizard of Oz film
Graves & Riding's intense 12 year relationship ends abruptly
Pound visits US, begins association w/ Mussolini
Yeats dies
- 1940 *Section 10 of "A"* Zukofsky
- 1941 **Pearl Harbor**
The New Criticism Ransom
Citizen Kane Orson Welles film 1st
Joyce dies
- 1943 *The Glass Bead Game* Hesse
The Roebuck in the Thicket Graves begins 3G/ogham work, age 48
Tesla dies
- 1944 **D-Day 6 June: 5000 ships, 160k soldiers land**
13 June 1st V1 Buzzbombs hit London
September – March '45: 3000 V2 rockets
Pisan Cantos Pound in stockade for treason
I x I Cummings
Bukowski 1st Story in print
- 1945 **Nuclear Fission: Trinity, Little Boy, Fat Man**
World War Two ends
A Street In Bronzeville Gwendolyn Brooks 1st
Nag Hammadi Library Gnostic Gospels discovered, Egypt

- 1946 **Bebop Jazz begins**
 Nobel Prize for Literature Herman Hesse
Paterson book one Williams
 Bukowski stops writing for 10 years
 HG Wells dies
- 1947 **Solid State Transistor**
 Motorola VT-71 television for \$189.95, affordable
 Home Refrigerators, Telephones
 Roswell, NM UFO Crash
The White Goddess Graves
To Carrado Cagli Olson 1st
- 1948 **State of Israel begin by UN recommendation**
 Nobel Prize for Poetry Eliot
 Beckett writing *Godot*
 RA Heinlein & wife have idea for *Stranger from Jungle Book*
- 1949 **People's Republic of China under Chairman Mao Zedong**
 Bollingen Prize for Poetry to Pound, uproar
- 1950 **Korean War begins**
Projective Verse Olson
 Pulitzer for Poetry Gwendolyn Brooks for *Annie Allen*
 E. Vincent Millay dies, Black Elk dies
- 1951 *On the Road* Kerouac (*Town & Country* '50 1st)
- 1952 **George VI dies, Elizabeth II**
 1st Commercial Jet Service, London to Johannesburg
A City Winter, and Other Poems O'Hara 1st
- 1953 **Korean War ends**
Cuban Revolution, Fidel Castro
City Lights Bookstore & Press founded by Lawrence Ferlinghetti
In Cold Hell, In Thicket and *Maximus Poems 1-10* Olson
Waiting for Godot Beckett premiere in the Théâtre de Babylone, Paris
- 1954 *Rock Around the Clock* Bill Haley & the Comets
 55% US households have a television
The Lord of the Rings Tolkien to '55
- 1955 **Viet Nam War begins**
Montgomery Alabama Bus Boycott to 56
The Vestal Lady on Brattle Corso 1st
Pictures of the Gone World Ferlinghetti 1st
 Bukowski begins to write poetry
- 1956 **COINTELPRO of FBI begins**
 Black Mountain collapse
Howl Ginsberg 1st, obscenity trial of Ferlinghetti
- 1957 **Sputnik launched**
The Return of the Rivers Richard Brautigan 1st
- 1958 Pound released from sanatorium "incurably insane but harmless"
- 1959 **Alaska becomes a State in US**
 Shunryu Suzuki arrives in San Francisco, age 55
- 1960 *The Twist* ('59 Hank Ballard) song & dance by Chubby Checker
The New American Poetry: 1945-1960 anthology Donald Allen ed.
- 1961 *A Stranger in a Strange Land* RA Heinlein Hugo & Nebula
Black Elk Speaks reprinted
Bay of Pigs CIA failed invasion of Cuba
- 1962 **90% US households have a television**
Love Me Do Beatles 1st Hit
Naked Lunch Burroughs Grove ('59 Olympia wrong ms.)
 Cummings dies
- 1963 **JFK Assassination**

- The Fugs Sanders/Kupferberg/Weaver
V. Thomas Pynchon 1st
WCW dies
- 1964 **Civil Rights Act bans racial discrimination in workplace & public places**
Bell's theorem arguing nonlocality
British Invasion of the US pop market lead by The Beatles
Nobel Peace Prize to Dr. Martin Luther King Jr.
Further bus trip Kesey, Cassady
The Sonnets Berrigan
77 Dream Songs Berryman
Lunch Poems O'Hara
- 1965 **US Combat Troops in Viet Nam**
Freak Out album Zappa/Mothers of Invention
- 1966 Tassajara Zen Mountain Center, 1st Buddhist monastery outside Asia, S. Suzuki / Richard Baker
O'Hara dies
- 1967 **Summer of Love** 100k kids to San Francisco
Trout Fishing in America Brautigan (writ in '61)
- 1968 **Dr. King assassinated**
- 1969 **Apollo 11 lands on Moon** 1st
Woodstock Music Festival 400k kids; proto-punk, proto-metal, psychedelic rock
Nobel Prize in Literature Beckett
Kerouac dies of alcoholism
Black Sparrow Press begins funding Bukowski
- 1970 **USA Peak Oil Production, steady decline from here**
Olson dies
Zen Mind, Beginner's Mind Shunryu Suzuki
- 1971 **COINTELPRO ends**
This mag Language Poets begin?
Be Here Now Ram Dass
Nobel Prize in Poetry Neruda
Lew Welch suicide
- 1972 Pound dies in Venice, J. Edgar Hoover dies still Director of FBI
- 1973 **Wm Casey CIA: Job done when everything American Public believes is a lie**
Roe v. Wade legalizes abortion
Gravity's Rainbow Pynchon Nat Book Award
Pablo Neruda dies, age 69, no poison traced according to 2013 forensics
- 1974 Beat Conference at Naropa Institute founding
- 1975 **Viet Nam War ends**
- 1976 **Mao dies, Deng Xiopeng takes power, modern reforms**
American Bicentennial; Sex Pistols, Ramones, Clash
- 1977 **TRS-80 Personal Computer**
SETI receives WOW signal from 200 lightyears away
Star Wars Lucas film
- 1978 *L=A=N=G=U=A=G=E* mag begin, to 1982
The Stand Stephen King
- 1979 **1st Hip-hop Album**
The Wall Pink Floyd album
- 1980 **Ronald Reagan steals American election, begin Reaganomics: Politics of Greed**
John Lennon assassinated
Riddley Walker Russell Hoban
- 1981 **HIV/AIDS pandemic recognized by CDC**
- 1982 **TCP/IP standard**
Compact Disc commercially available
- 1983 **1st Generation Cell Phone network, Digital Answering Machines**
The Exquisite Corpse mag Codrescu
- 1984 **Apple Macintosh 128k w/ GUI (1st Xerox '82)**

- Neuromancer* William Gibson Hugo, Nebula, PKD, begin Cyberpunk Genre
Brautigan suicide
- 1986 'Internet' begin, 56kps access to Supercomputers via Nat. Science Foundation
Chernobyl nuclear plant disaster
Gangsta Rap begins w/ N.W.A.
Slam Poetry at Get Me High Lounge in Chicago, Marc Smith 1st
- 1988 Naropa Institute accredited
American Poetry since 1970: Up Late, anthology Codrescu ed.
- 1990 **First Gulf War (Kuwait) to 1991, Broadcast Live**
1st National Poetry Slam
- 1991 **Collapse of Soviet Union**
2G Cell Phones
- 1992 *Snowcrash* Neal Stephenson
- 1994 Bukowski dies
- 1995 **Internet fully commercialized**
- 1996 *Infinite Jest* David Foster Wallace
Fight Club Chuck Palahnuik (1999 film hit)
- 1997 Allen Ginsberg dies, WS Burroughs dies,
The Exquisite Corpse goes Online to 2011
- 1998 **International Space Station launched, 230 miles**
- 1999 **Seattle WTO Protests – begin 2nd Gen Professional Activists worldwide**
The Outlaw Bible of American Poetry, anthology Alan Kaufman ed.
The Matrix Wachowski Brothers film
- 2000 **George Bush Jr. steals American election w/ aid of Gov. Jeb Bush of FL**
'Internet Bubble' bursts, dot.com devalued, Market Crash into '01
Gwendolyn Brooks dies
- 2001 9/11 Terrorist Attacks on World Trade Towers NYC and Pentagon
US Patriot Act erodes civil rights
3G Smart Phones
- 2003 **Second Gulf War (Iraq War) begins**
Human Genome Map completed
- 2006 **World Peak Oil Production**
- 2007 **Recession to '09, Credit crisis due to Housing bubble peak in '06**
- 2008 **Barack Obama, 1st Black President (vs Hillary Clinton in primary, 1st woman)**
- 2011 **Iraq War ends(?)**
Fukushima Nuclear Disaster from earthquake/tsunami
Occupy Wall Street, worldwide protest
- 2012 **Higgs Boson proven?**
- 2013 **Quantum Fact: No Speed Limit, Time is pre-Instantaneous**
Nelson Mandela dies
- 2014 Amiri Baraka dies, age 79
- 2015 **CO2 Emissions Peak**
- 2025 **Lake Mead Critical Failure, no water to AZ, LA**
- 2029 2014 NASA Study: First World Collapse
- 2030 **9 Billion World Population; 50% increase in Food production or mass starvation/resource wars**
- 2050 **51% American population Latino/Indigenous**
- 2200 Stephen Hawking: Interplanetary Travel or Extinction