



Deerfield Beach Computer Club

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**THE INTERNET
MEDICAL WEBSITES
Helpful or Harmful?
Presented by Dr. Charles
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THE INTERNET

Time Line

- **1945...** Dr. Vannevar Bush, head of the NDRC, wrote an essay in the July issue of the Atlantic Monthly "***As We May Think,***" a vision of a time when a machine called a ***memex*** might enhance human memory by the storage and retrieval of documents linked by association, in the same way as the cognitive processes of the brain links memories by association



The Internet

Time Line

- 1958... **SPUTNIK** *the first communication satellite* in space was launched by the Soviets.
- 1958... In direct response to *Sputnik's* presence ARPA, was created by the our government..
- 1962 a psychologist at this agency wrote a paper “**Man Computer Interface**” building upon Dr.Bush’s contributions by *foreseeing the development of computer networking.*



The Internet Time Line

- **1965...**E-mail, often called the premier application of the Internet, ***predates the Internet***, and became a crucial tool in creating it.
- ***E-mail*** started as a way for multiple users of a time-sharing ***mainframe computer*** to communicate with each other..



The Internet Time Line

- ***1969...*** The ***first network*** formed by the Department of Defense, developed to ***survive a nuclear attack***, was named ***ARPANET***. This network had 4 nodes comprised of UCLA, Stanford, UC at Santa Barbara, and the University of Utah. The computer was the Xerox Sigma 7 running at the then fast speed of ***400 kilobytes per second***.



The Internet Time Line

- **1971...**Ray Tomlinson, a 1965 graduate of MIT with a Masters Degree in Electrical Engineering, created what was to become the standard Internet e-mail address format, using the @ sign to separate User Names from Host names.
- The first e-mail message was “QWERTYUIOP.”



The Internet Time Line

- **1973...** The Internet was invented by Vincent Cerf and Robert Kahn while working at Stanford University as DARPA scientists. They along with their group of co-workers created the next generation of networking protocols... creating ***TCP/IP***.
- **1973** the first public demonstration of the net, was held in Washington, D.C. at the Hilton Hotel.



The Internet Time Line

- **1973...** England and Norway, joined the ***Network*** making it international.
- **1989...** CompuServe and MCI set up E-mail gateways which allowed discussion groups and listserves.



The internet

Time Line

- **1989-1991... CERN** physicist Tim-Berners Lee invented the World Wide Web by proposing to construct a **hypertext database** in which every packet of data would have have a distinct “**Universal Document Identifier**” (UDI) now called (**URL**) which any user could use to retrieve that data. He dubbed his project “The World Wide Web,” and on **8/6/1991** Berner’s-Lee posted the ***very first web site...***



The Internet Time Line

- **1993...** Scholars agree that the turning point for the World Wide Web was the introduction of the **Mosaic web browser**, a graphical browser developed by a team at the National Center for Supercomputing Applications at the University of Illinois, led by 23 year old **Marc Andreessen**.
- The funding program for Mosaic came from then-Senator Al Gore's ***High performance Computing and Communication Act of 1991 known as the Gore Bill.***



The Internet

Time Line

- *1999...Mosaic's intellectual properties were owned by the University of Illinois and so Marc Andreessen developed a new browser that he called **Netscape** and formed the company **Netscape Communications**.*
- **1999... Netscape** was then acquired by AOL for 4.2 billion dollars, when Andreessen was just 27 years of age.
- **2008...** AOL discontinued using Netscape.



The Internet

Time Line

- **2001..** In May of 2001, Berner's-Lee, now Senior Scientist at the Computer Science Lab of MIT wrote a paper called the ***“Interplanetary Internet”*** describing a communication system to provide internet-like service across interplanetary distances in support of deep space exploration.



MEDICAL WEB SITES

- Now that we have established how it all got started, we find that today, medical web sites are among some of the most popular sites that senior citizens pursue for information.
- A word of caution...be careful, some sites on the web are potentially harmful.
- And now to begin.

MEDICAL WEB SITES



HARMFUL?

- Incomplete information
- Incorrect information
- Information your physician may disagree with
- Know who runs the web site...a pharmaceutical company, a governmental agency, or a respected research or medical facility.
- Know who the experts are.. what are their credentials.
- Check multiple sites asking the same question.
- What is Fact.? .What is Fiction.?



• DISCLAIMER

- Before we look at the Medical Web sites..
- You should know that I cannot answer any specific medical questions.
- .Of course, ***I KNOW*** all the answers, but I just can't give them to you...**Just Kidding..!**



MEDICAL WEB SITES

- United States Food and Drug Administration www.fda.gov
- Centers for Disease Control & Prevention
Emergency Preparedness and Response
- <http://emergency.cdc.gov/>



Mayo Clinic www.mayoclinic.com

Johns Hopkins www.hopkinsmedicine.com

Medicine Net www.MedicineNet.com

**Health Finder . U.S. Department of Health &
Human Services** www.healthfinder.gov

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- Medpundit
<http://medpundit.blogspot.com/>
 - **American Diabetes Assoc.**
www.diabetes.org
 - **Health Grades** <http://healthgrades.com>
 - **Medifocus** www.medifocus.com

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- **National Cancer Institute**
www.cancer.gov
 - **WebMD** www.webmd.com
 - **American Academy of Family Physicians**
 - www.familydoctor.org
 - **My Family Doctor magazine**
<http://familydoctormag.com>
 - **Cleveland Clinic**
www.clevelandclinic.org

- 
- Bascom Palmer Eye Institute
 - www.bascompalmer.com