Pula, Robert P. "Neuroscience Update." Institute of General Semantics: Neuroscience Update(1995). 1995. 30 Nov. 2005 <http://http://learn-gs.org/learningctr/rp-neuro.htm>.

In this article by Robert P. Pula it makes mention to the common metaphor that relates the brain and the way it functions to a computer. In the article, similarities and differences are given with the main similarity being how the memory function of the brain relates to that of a computer. The author states that, "only in a very abstract sense is the brain like a computer" (13). The article goes on to propose theories why the brain and computer are very much different.

Some of these theories include the fact that memory can be affected by many different factors. A memory tends to get better and worse with age. As a baby, memory is almost nonexistent, but as a child memory improves. At this stage in life, memory is enhanced even further with visual aids. However, this is not the case with computers; the memory of a computer does not improve with time or visual aids. Memory can also decrease with age. As a person gets older, sometimes that person can develop Alzheimer's which causes memory loss. In addition, trauma can affect the memory of a person by either restricting that person from forgetting what happened or allowing the person to wipe it from their memory all together.

This article also goes on to mention that "memory must be selective for the job (or day) at hand" (16). A person has the ability to remember certain things if they wish or not. A computer on the other hand does not have this ability. A computer's memory is controlled by the user and not by the computer itself. Finally, the author argues that "the nervous system is just the hardware and that what we really need to understand is its 'cognitive software'" (13). Although the author states that the computer metaphor seems valid, this is still a metaphor that needs to be approached with great caution. A person that might not know much about computers would easily be confused with this metaphor. Even though we are in the technology era, there are still many people that do not understand these advances. Therefore, this is a metaphor that can not be safely used as of yet.

In this article, the author talks about how researchers have found that a metaphor that can seem very logical can still cause many problems. It also shows how many aspects of a metaphor are not always true. This article also gives more proof that metaphors can prohibit a person's understanding of a new subject and their ability to learn.