



The figure above is of a neural network drawn by Sigmund Freud in 1895 while writing a textbook for neurologists entitled *The Project for a Scientific Psychology*. It was taken with permission from Spitzer, 1999, page 5. Freud was trained as a neurologist in medical school by the prominent physiologist Ernst Brücke (1819-1892). Rychlak (1981b, pp. 43-44) reported that Breuer and Fleiss encouraged Freud to develop a theory of psychology based entirely on biology. Freud (1895b) complied with these exhortations and wrote the first three chapters but could not complete his *Project* due to the limitations of neuroscience in 1895.

In this drawing, the left arrow represents incoming energy to the neural network. The small circles represent neurons. The perpendicular double lines represent synapses.