Lecture Outline

1. Anatomy & Physiology of the Brain
2. The WLG Model
3. Measurement Tools
4. Modern Advances
   a) Classic Neuroimaging Studies
   b) Anatomical Contributions
   c) The Integration Problem
5. Conclusion

Learning Outcomes

1. Acquire a basic understanding of the anatomy and Physiology of the human brain.
2. Understand the beginnings of neurolinguistics (ie. the WLG model) and how the field has progressed.
3. Gain a rough understanding of modern neuroimaging techniques and their advantages/drawbacks.
4. Develop a basic understanding of modern thinking behind neurolinguistics/phonetics
   1. Understand what some of the classic neurolinguistic imaging studies can tell us about language processing
   2. Develop knowledge of what additional anatomical structures in the brain contribute to language processing
   3. Gain a very basic insight into the direction that the field is heading
5. By the end, it should be clear that the brain runs multiple functions simultaneously in order to interpret speech.