



Al-maamoun University College

Department of English

Second Stage

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English Phonetics and Phonology

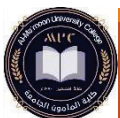


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English Phonetics and Phonology

- Language is defined as a system of signs which is used by people in order to interact.
- Human languages have two different forms:
 - the spoken form, and
 - the written form
- Speech is the original form of the language and writing is the way in which we represent speech on paper.
- **In speech, we use sounds as a raw material of our speech.**
- **In speech, there is a speaker and listener(s).**



The speaker

- The *message (the spoken utterance)* is created in *the brain* of the *speaker*.
 - 1 - The brain *creates* the message.
 - 2 - It *decides* which *sounds* are needed to express the message.
 - 3 - The brain *sends a command* to the *organs of speech* to *produce* the required sounds in the correct order.
 - 4 - The organs of speech *behave* according to the *command* sent by *the brain* and produce the sounds.



The listener

- When the *sound* reaches the *listener*:
 - 1- The *sound* is detected by the *ear* of the *listener*.
 - 2- In the ear, the *sound signal* is *converted* into a *nervous signal* and *sent* to *the brain* by special *nerves*.
 - 3- *The brain* of the *listener* *analyses* the signal and *interprets* its meaning.

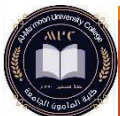
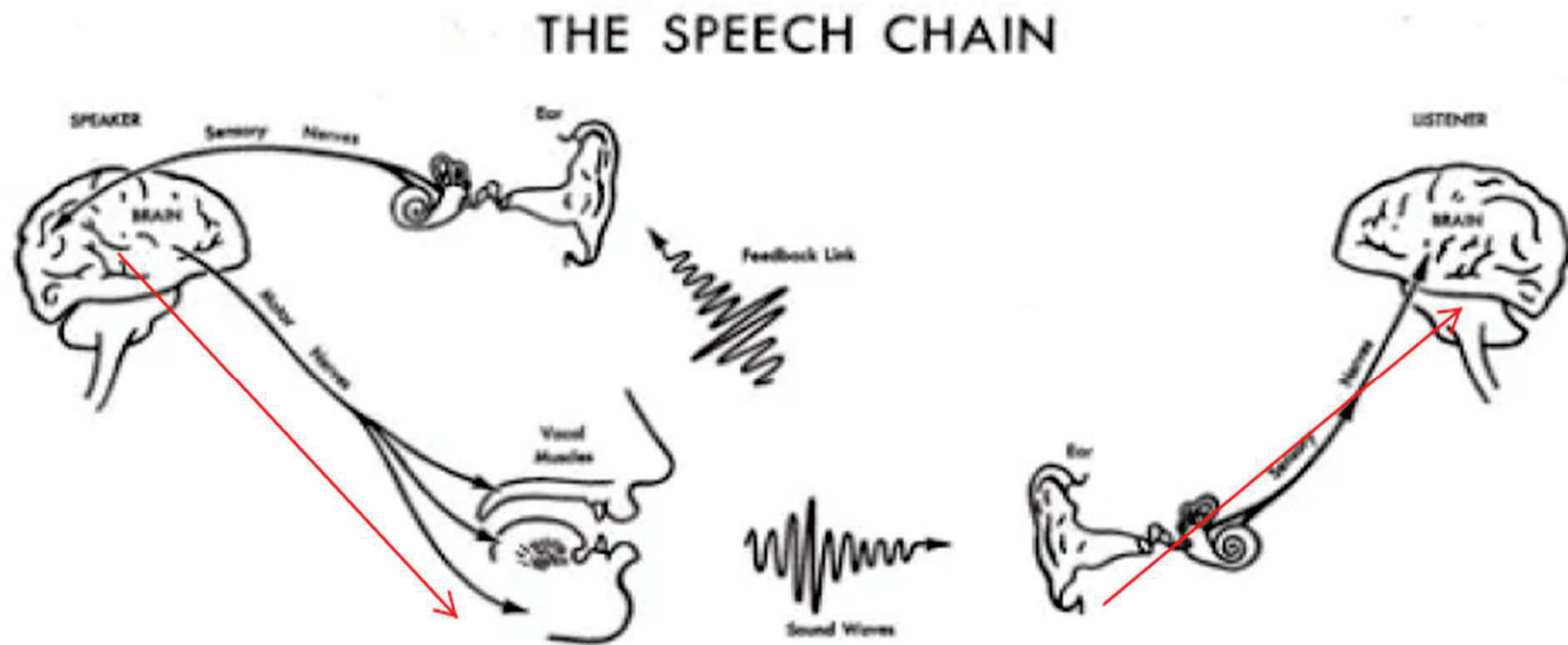


From the Speaker to the Listener

- **BUT**, between the mouth of the **speaker** and the ear of the **listener**, there is a ***space*** which the sound ***travels*** through.
- The ***movement*** of the ***sound*** signal throughout this space depends on the ***nature*** of the ***space*** and the ***physical characteristics of the sound***.



The speech chain



Phonetics

- The *spoken message* is *created* in the *brain* of the *speaker* and arrived at the *brain* of the *listener*.
- The *science* that studies this speech chain is called **Phonetics**.
- **Phonetics**, then, studies speech from the beginning of the message in the brain of the *speaker* end in the brain of the *listener*.
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to the
- **Phonetics:** is the science that studies human speech sounds: their *production*, *transmission* and *perception*.

