

DYSFLUENCY

# DSM-5 A 02-Language Disorder

- Persistent difficulties in the acquisition and use of spoken language (sound-, word-, sentence-, and discourse-level comprehension, production, and awareness), written language (reading decoding and comprehension; spelling and written formulation), and other modalities of language (e.g., sign language) that are likely to endure into adolescence and adulthood, although the symptoms, domains, and modalities involved may shift with age.

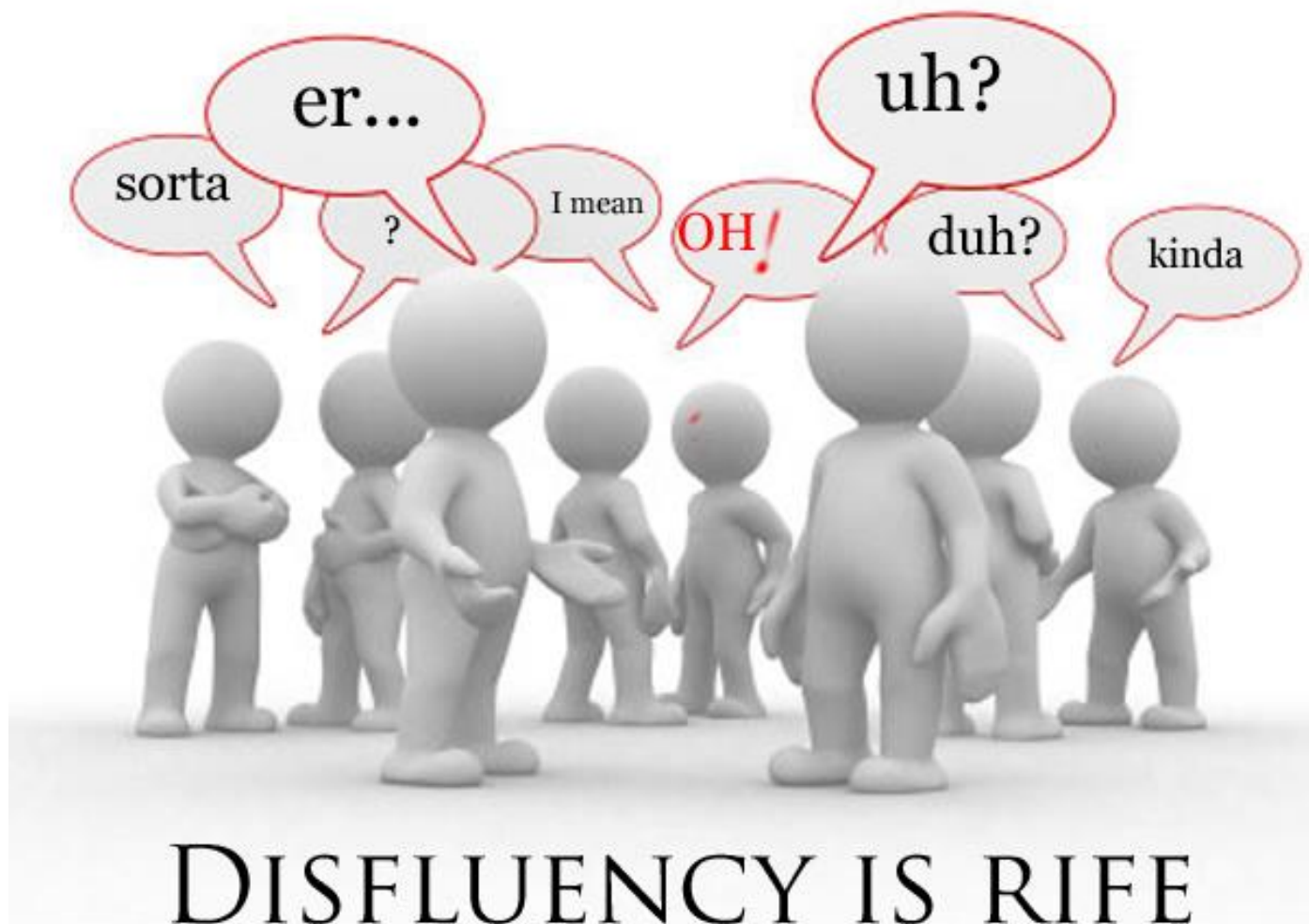
# DSM 5 A 02 Language Disorder

- Symptoms may include the domains of vocabulary; grammar; narrative, expository and conversational discourse; and other pragmatic language abilities individually or in any combination.
- Language abilities that are below age expectations in one or more language domains and that manifest persistent difficulties evident by multiple sources of information, including naturalistic observation and individualized, standardized, culturally and linguistically appropriate psychometric measures.

# DSM 5 A 02 Language Disorder

- The difficulties with language result in functional limitations in effective communication, social participation, academic achievement, and occupational performance, individually or in any combination.

# BILL CASSELMAN'S WORDS OF THE WORLD



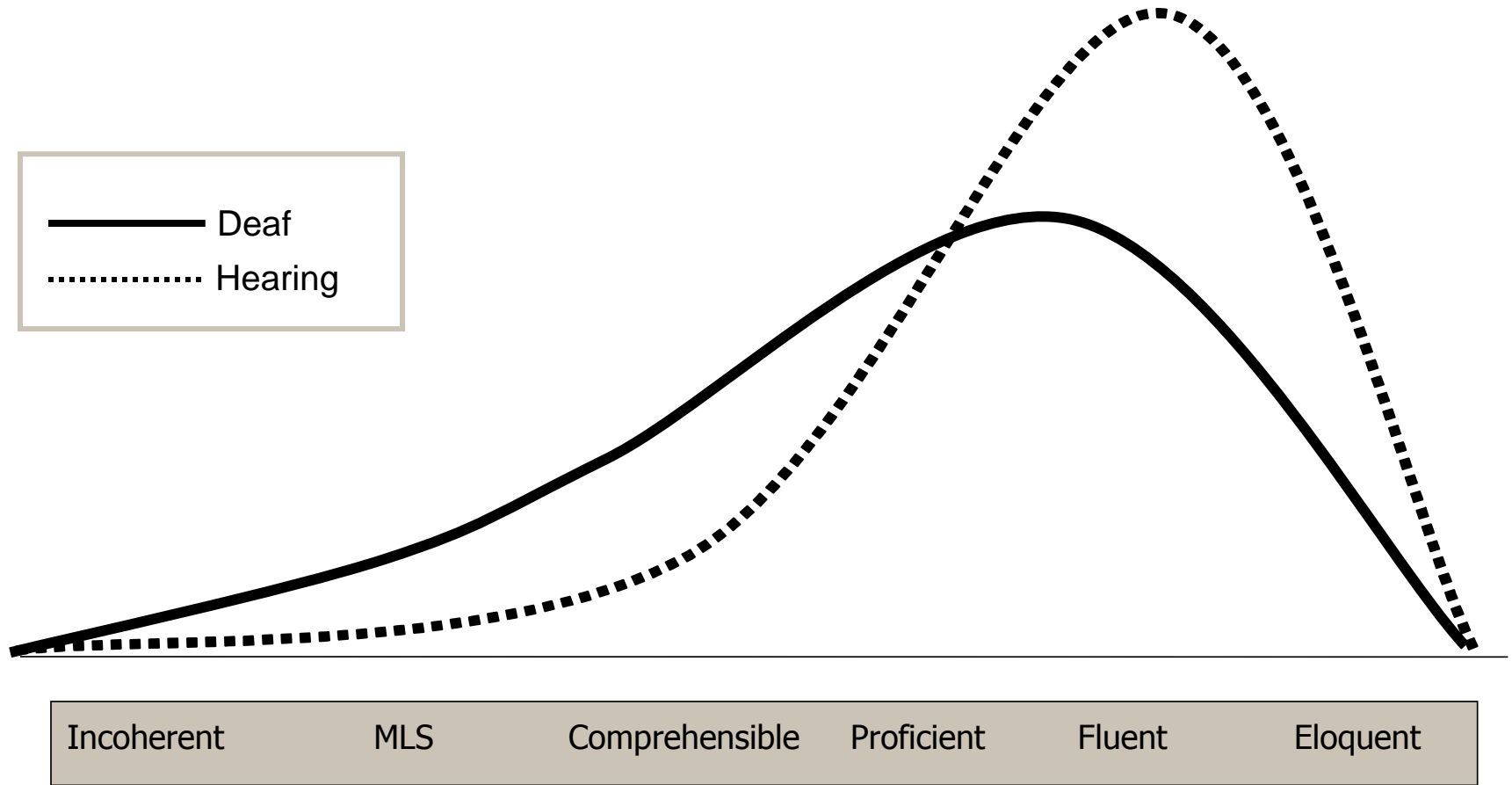
For the general population, the rate of language disorder is about 2%





75% of  
deaf patients  
in an  
inpatient  
facility were  
identified as  
dysfluent by  
deaf language  
specialists

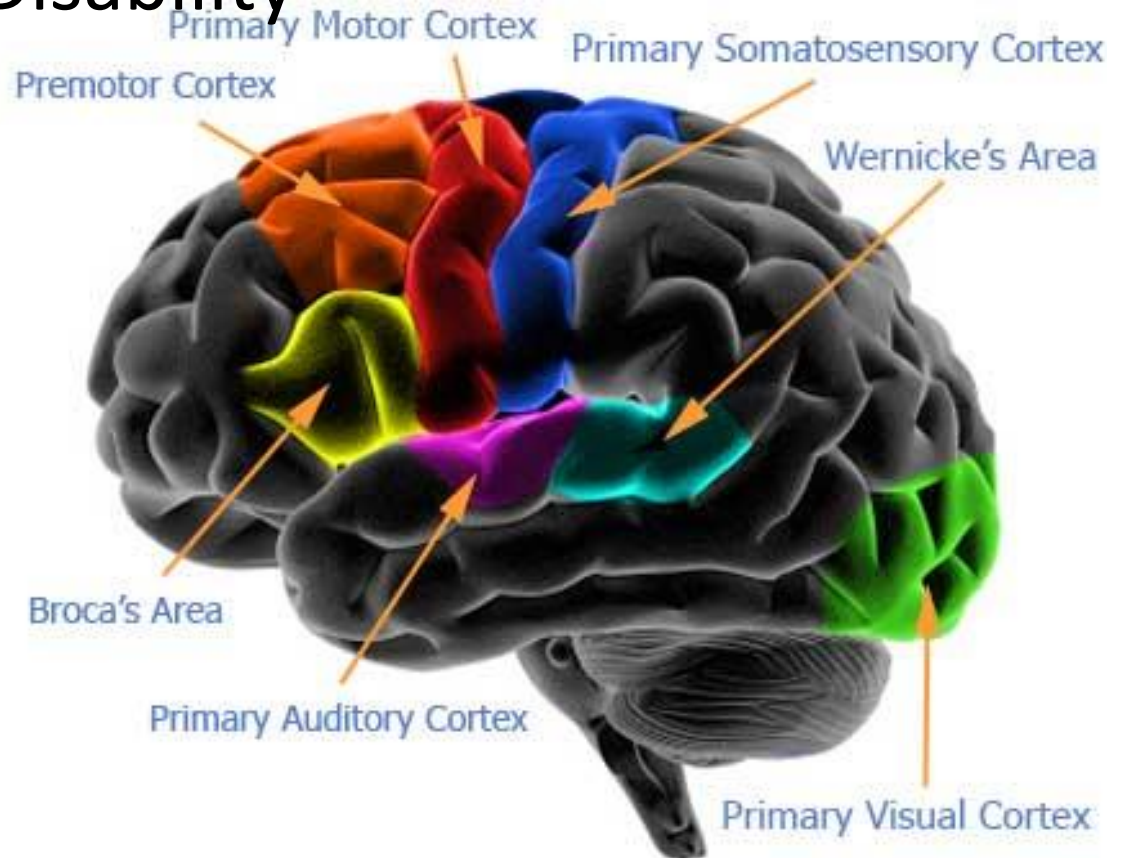
# Distribution of Language Fluency





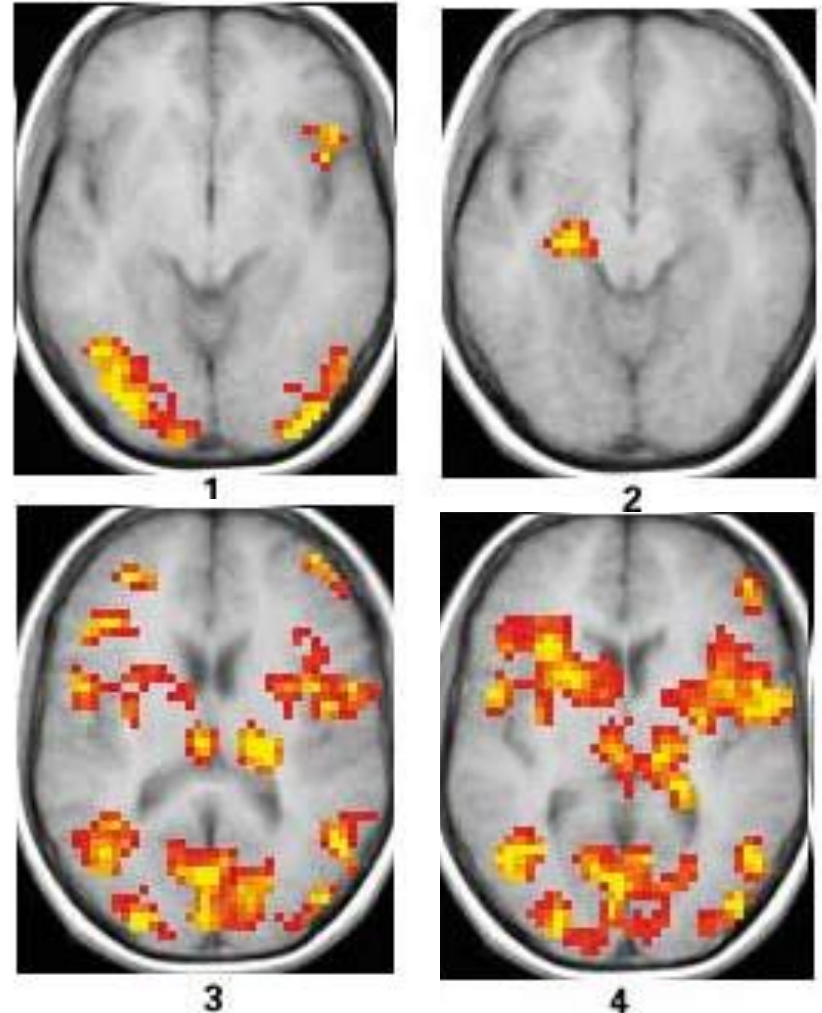
# What causes Language Disorder

- Mental Retardation
- Developmental Disability
- Aphasia
- Stroke
- Dementia
  - Schizophrenia
  - Alzheimer's
  - Wernicke's



# Psychosis

- Grammar
  - consistency, age and context appropriate
  - “word salad”
  - “weird” - anomalies
- Sign Formation
  - “slips of the fingers”
  - Clanging
  - Neologisms
  - Perseveration
- Stereotypy

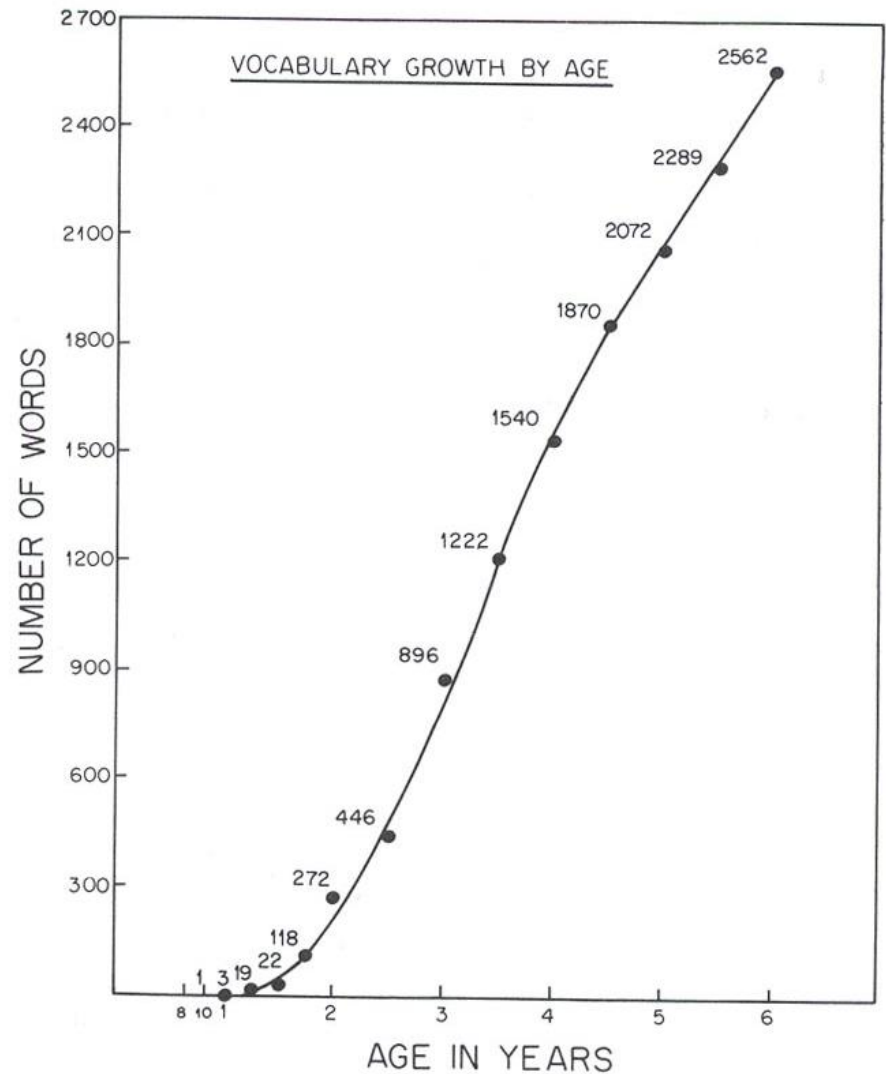


# Psychosis

- Responding to Internal Stimuli
- Illogicality
- Discourse
  - circumstantial or tangential
- Perceptual difficulties

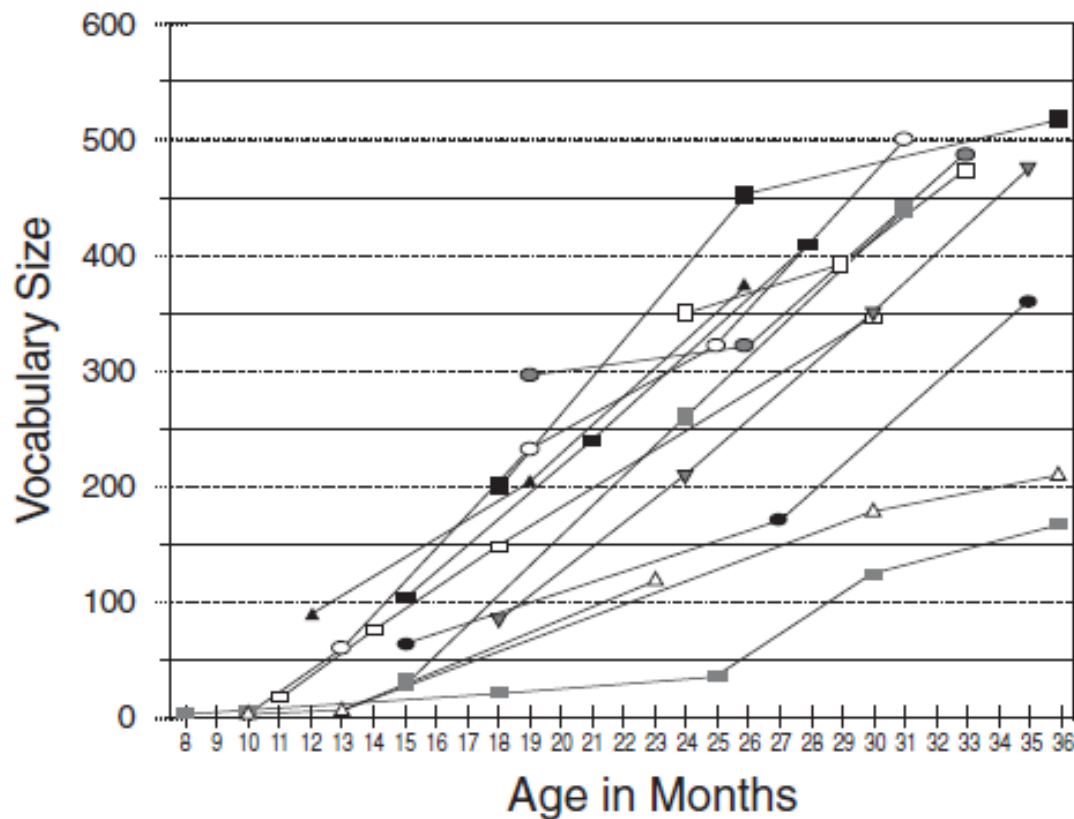


# Linguistic & Educational Deprivation





# ASL Acquisition



(Anderson & Reilly, 2002)

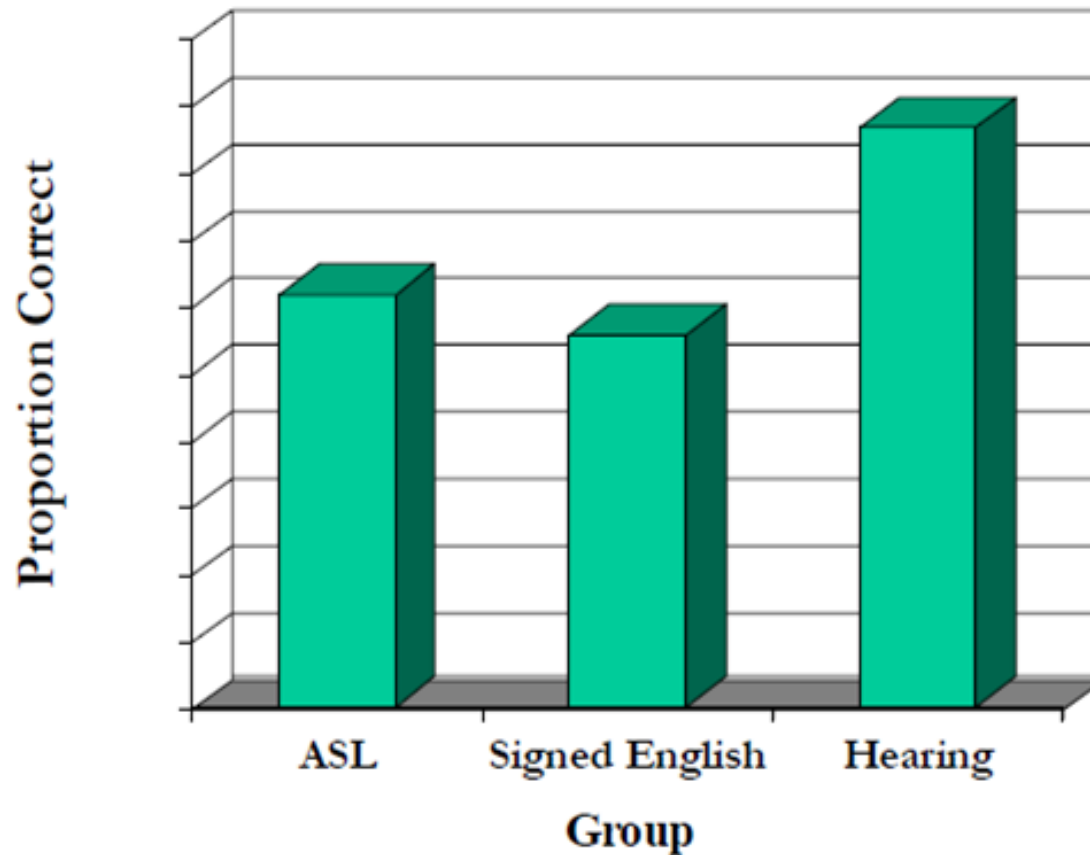


# Claims Made about Deaf Children with Plenty of Evidence to Back Them Up

- Deaf children do not understand as much language as they (and we) think they do

(Marc Marshark, 2010)

# Learning in the College Classroom



## Closure

The phonemal power of the human mind, according to a research at Cambridge University, it doesn't matter in what order the letters in a word are, the only important thing is that the first and last letter be in the right place. The rest can be a total mess and you can still read it without a problem. This is because the human mind does not read every letter by itself, but the word as a whole. Amazing huh? yeah and I always thought spelling was important!



# Choices of Perspective – First Person



First person

Third person

Narrative

Descriptive



# Third person



First person

Third person

Narrative

Descriptive



# Narrative



First person

Third person

Narrative

Descriptive





# Descriptive



First person

Third person

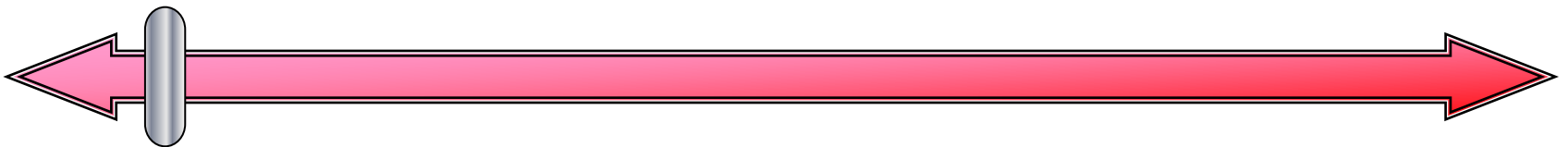
Narrative

Descriptive



# Choices of Timing

- Simultaneous
- Lagged
- Consecutive



# Register

Meaning  
per Sign

Number  
of Signs

Number  
of Users

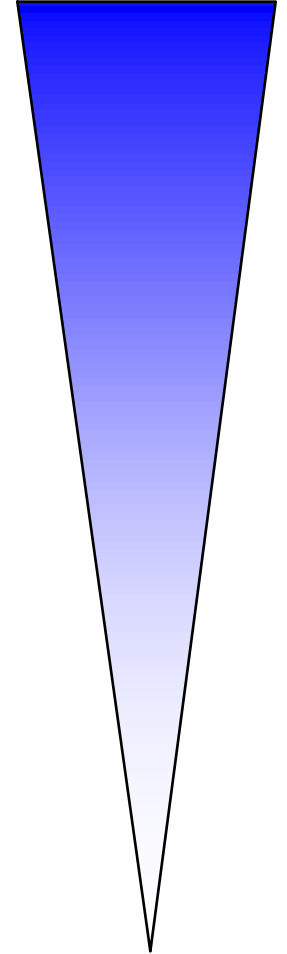
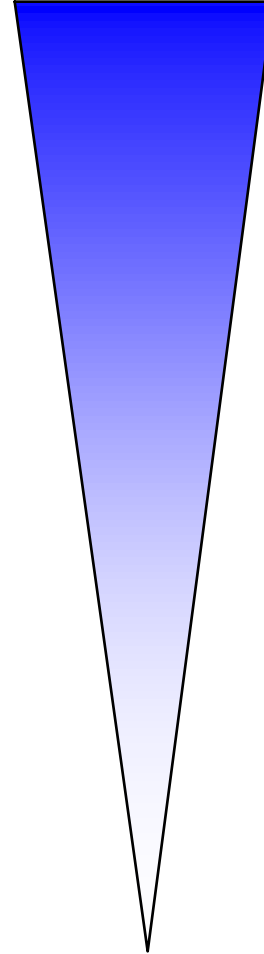
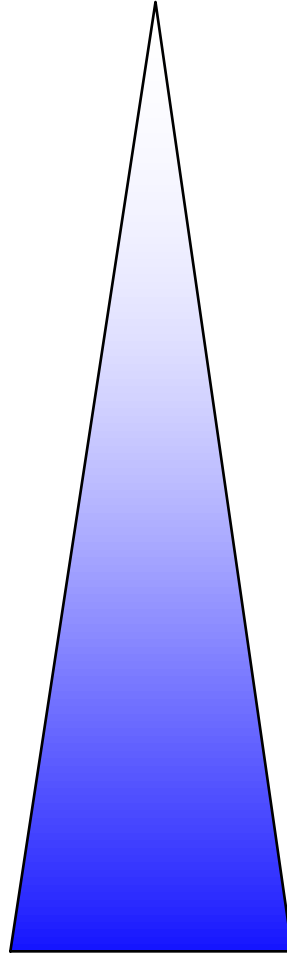
Frozen

Formal

Consultative

Casual

Intimate



# Frozen

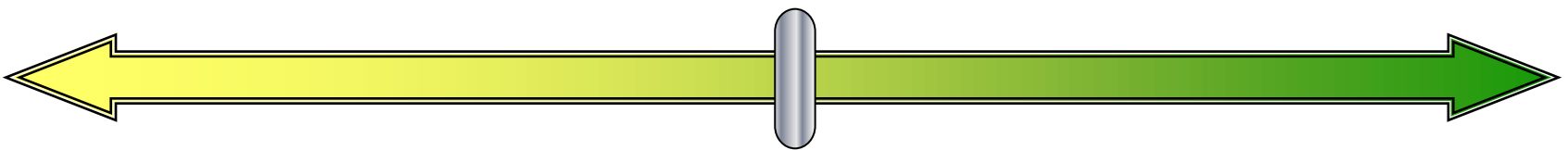


# Formal

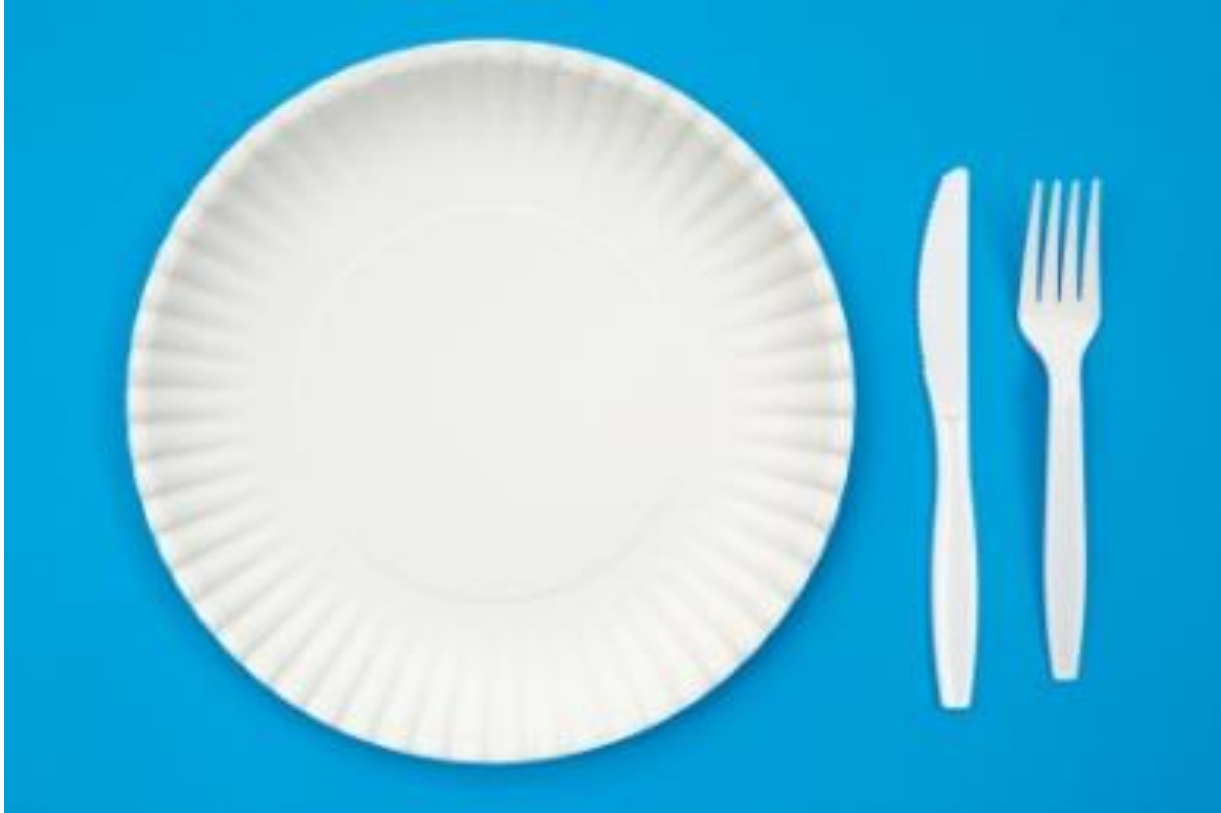




# Consultative



# Casual



# Intimate



# Content

- Psychosis
  - delusions & hallucinations
- Orientation
  - To person, place, time
- Suicidal or Homicidal Ideation
  - Includes ideation, intent, plan and attempt
- Client history/precipitating factors



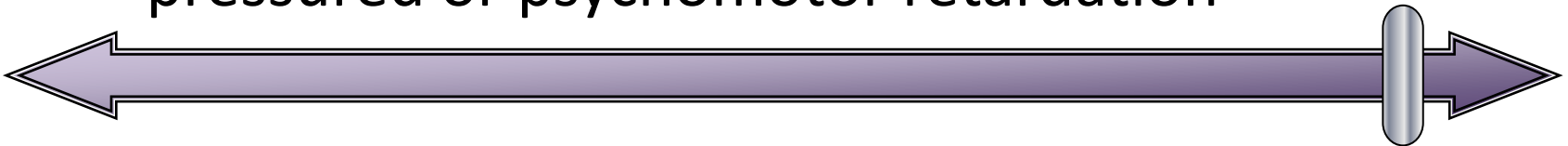
# Form

- Grammar
  - consistency, age and context appropriate
  - "word salad"
  - "weird"
- Poverty of Language
- Sign Formation
  - “slips of the fingers”
  - clanging
  - paraphasia



# Form

- Responding to Internal Stimuli
- Discourse
  - circumstantial or tangential
  - perseveration
  - Illogicality
- Affect
- Speed of Signing
  - flight of ideas
  - pressured or psychomotor retardation



# Controls

