



# Communication Sciences & Disorders

Application to Research and CCANDL






Sanjana Kumar  
Senior at UW-Madison



Julia Zacher  
Senior at UW-Madison



# Goals of Our Project

1. Bring increased awareness to the field of Communication Sciences and Disorders
    - Speech pathology and audiology
  2. Increase diversity in the fields of CS&D
  3. Create a paid summer internship for 2 high school students
    - Internship will take place in a lab on the UW-Madison campus
      - Cognitive-Communication in Aging and Neurogenic Disorders Laboratory (CCANDL)
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# Updates

- Internship opening Feb 1
  - Application will be uploaded to website
- Shadowing at UWSHC
  - Ends December 10th, will pick back up next semester
- Website
  - [ccandlinternship.wisc.edu](http://ccandlinternship.wisc.edu)



Website QR Code:



Clinic Shadowing Survey QR Code:|



# Speech Pathology and Audiology



Speech-Language Pathologist (SLP)



Audiologist (AuD)

# Central Theme

The fields of Speech Pathology and Audiology are also topics of interest in research.



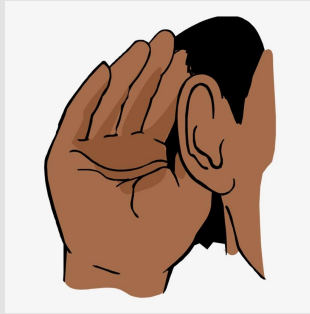


# What is Research?

Child  
Development



Hearing



Swallowing and  
Voice



Speech and  
Language



**Speech Pathologists and Audiologists use evidence from research studies to help them decide what will best help their patients**



# CCANDL



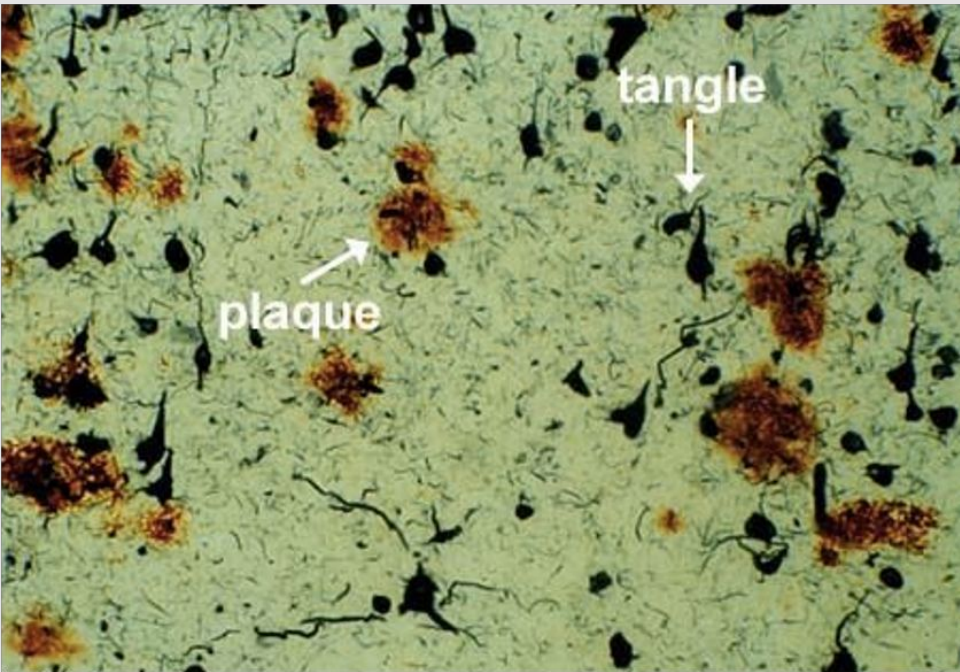
Dr. Kim Mueller, Ph.D., CCC-SLP

## CCANDL's Mission

- Understanding how and why speech and language changes in aging and diseases such as Alzheimer's
- Developing tests for diagnosing speech problems in Alzheimer's and speech therapies for treatment



# Alzheimer's disease and dementia



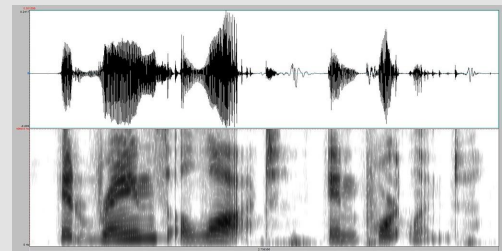
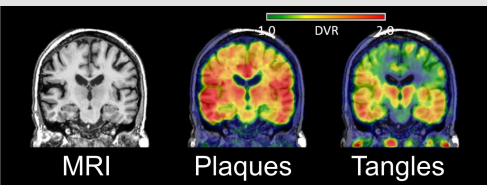
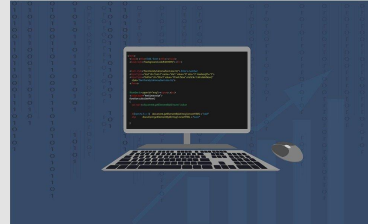
# In this internship, you will:

## Learn:

1. Research studies
2. Memory and Language
3. Alzheimer's disease
4. Parts of the brain
5. Brain imaging basics
6. Different types of therapy for Alzheimer's disease
7. Different computer software

## Do:

1. Listen to speech and use a spectrogram to track changes
2. Data entry
3. Create a scientific poster
4. Create research fliers and study materials
5. Observe brain autopsy (if desired)
6. Help at outreach events
7. Observe other research labs







CCANDL employs lots of college and graduate students!

# It's fun to work in our lab! Phoebe, George and Halley





# Contact Us!

[deiinternship@wisc.edu](mailto:deiinternship@wisc.edu)



## QR Code for Meeting Attendance

