



# NEURODRAMA IMPROVISATION MEETS NEUROSCIENCE

## Psychophysiology of social interaction

Neurodrama research project introduces a novel angle to drama education through our constantly reshaping, learning and highly social brain.

Neurodrama investigates the following issues

1. Neural responses of real and simulated experiences of social interaction
2. Relieving social stress and performance anxiety via drama intervention
3. Applying the improvisation method for promoting both the teacher students' social communication skills and the interaction and creativity of teaching
4. Creating ecologically valid experimental designs for studying social interaction
5. Achieving more holistic understanding of experiential learning by combining subjective and objective data

## RESEARCH GROUP

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**Relief to  
performance  
anxiety**

**Experiential  
learning in drama  
education**

**Intervention study**

**Cross-disciplinary  
approach**

**Ecological  
experimental  
design**

**Social  
neuroscience**

## RESEARCH METHODS

**EEG  
ECG  
EMG  
EDA**

**Cortisol level  
Blink rate  
Video recording  
Questionnaires**