



**University of studies "G. d'Annunzio" Chieti - Pescara**  
**Department of Psychological Sciences, Health and Territory**  
**PhD Course in Earthquake and Environmental Hazards**

***PhD Student Erika Marascia***

**Bachelor's Degree** in Psychological Sciences

- Thesis in "**Neurobiological basis of dreams**" Supervisor: Professor Marcello Costantini.

**Master's Degree** in Psychology, curriculum of Cognitive Psychology

- Thesis in "**Effects of hemispheric lateralization in the estimation of price and weight in young and elderly**" Supervisors: Professor Nicola Mammarella and Professor Alberto di Domenico.

**Traineeship** in "Psychology of aging" lab coordinated by Professor Fairfield

- Neuropsychological test (WAIS, MMSE, ENB, MT).
- Experimental paradigms with E-Prime software
- Article in preparation "**Curiosity Kills the Cat But Not Memory**".

# Motivational factors and risk preparation: a study on curiosity

This project focuses on seismic risk and the associated prevention methods



Study of motivational factors and curiosity



Improve knowledge and learning, to give access, understanding and response to emergency instructions in the population, especially in older adults.

- **The first year:** Detailed literature review on Working Memory, on the benefits of motivation and curiosity, to have an exhaustive reference bibliography.
- **The second year:** I will focus on a cognitive analysis of the phenomenon, through exploratory experiments, on the factors of curiosity most involved in memory's process. The objective is to obtain information about the functioning of working memory considering curiosity and how valence, used as a prime, can enhance learning.
- **The third year:** I will use the results obtained by applying them to the perception and communication of risk in order to enhance the learning of the correct protocol to follow in an emergency.