



Giorgio Pira

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● WORK EXPERIENCE

06/10/2015 – 13/06/2016 Padova, Italy

STAGE FOR THE UNIVERSITY OF PADUA AT LABORATORY LINKEM FOR THE MENTOR UP PROJECT UNIVERISTÀ DEGLI STUDI DI PADOVA

The stage was consisting in meeting of 2 hour for week with a problematic child and in one meeting for months with a professor to verify the problem and eventual progress

10/03/2017 – 19/07/2018 Padua, Italy

EXPERIMENTAL INTERNSHIP UNIVERSITY OF PADUA

- Creation of a speech in noise test
- Shelter of experimental subject and handing out the test
- Analysis of data

01/01/2020 – 01/06/2020 Gainesville

EXPERIMENTAL INTERNSHIP UNIVERSITY OF FLORIDA

Internship activity designed to investigate the influence of emotional stimuli on cognitive processes and the attentional and motivational systems through the utilization of peripheral and central psychophysiological measures (e.g. EEG, EMG, ECG,SC),behavioral and self-report. This internship has been done under the supervision of professor Margaret Bradley

Business or Sector Real estate activities

15/07/2021 – 01/01/2022 Parma

EXPERIMENTAL INTERNSHIP UNIVERSITY OF PARMA

Experimental internship under the supervision of professor Vera Ferrari at the laboratory of Psychophysiology of the University of Parma. Internship activity designed to investigate the influence of emotional stimuli repetition on memory for natural scenes through the utilization of psychophysiological measures such as EEG, behavioral measures and self-report.

01/01/2022 – CURRENT Bologna, Italy

PHD STUDENT UNIBO

Key Areas of Study:

- Application of Virtual Reality in Clinical Technologies
- Psychometric Evaluation of VR-based Assessments
- VR-based Therapeutic Interventions for Psychological Disorders
- Ethical Considerations in Implementing VR in Clinical Psychology

Research Objectives: The primary objectives of the Ph.D. research include examining the effectiveness, acceptability, and ethical implications of utilizing virtual reality as a tool in clinical psychology. This involves comprehensive exploration, experimentation, and evaluation of VR applications designed to enhance traditional clinical methodologies.

● EDUCATION AND TRAINING

08/11/2018 – CURRENT Parma

MASTER DEGREE: PSYCHOBIOLOGY AND COGNITIVE NEUROSCIENCE University of Parma

07/09/2015 – 25/09/2018 Padova

BACHELOR DEGREE: COGNITIVE AND PSYCHOBIOLOGICAL PSYCHOLOGICAL SCIENCE

University of Padua

Nicosia, Italy

SCIENTIFIC HIGH SCHOOL DIPLOMA ACHIEVED IN THE ACADEMIC YEAR 2014/2015 Liceo

Scientifico Ettore Majorana

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Unreal Engine basics | Unity(Basics)

● ORGANISATIONAL SKILLS

Organizational Skills from Multidisciplinary Research Collaboration

My engagement with diverse research groups and labs has sharpened crucial organizational abilities:

1. **Adaptability:** Flexibility in navigating different work cultures and methodologies.
2. **Time Management:** Precision in aligning schedules and meeting project deadlines.
3. **Clear Communication:** Articulating ideas effectively across diverse teams.
4. **Leadership:** Building teams and guiding collaborative efforts.
5. **Resource Optimization:** Maximizing available resources for project success.
6. **Conflict Resolution:** Navigating diverse viewpoints for constructive collaboration.

These experiences have equipped me to harmonize varied research environments, merge diverse perspectives, and steer cohesive efforts toward shared research objectives.

● PUBLICATIONS

2023

[The Use of Virtual Reality Interventions to Promote Positive Mental Health: Systematic Literature Review](#)

Background: A large body of research has documented the efficacy of psychological interventions integrated with virtual reality (VR) therapies in treating psychiatric disorders. However, the concept of positive mental health calls for a 2-fold approach in which both symptoms and positive functioning should be addressed by modern interventions.

Objective: This review aimed to summarize studies that applied VR therapies by embracing the positive mental health perspective.

Methods: A literature search was conducted by entering the following keywords—"virtual reality" AND "intervention" OR "treatment" OR "therapy" AND "mental health" NOT "systematic review or meta-analysis"—and limiting it to "journal article" and the English language. To be included in this review, articles had to present at least one quantitative measure of positive functioning and one quantitative measure of symptoms or distress and had to investigate adult populations, including populations with psychiatric disorders.

Results: A total of 20 articles were included. They described various VR protocols that were applied for the treatment of anxiety disorders (5/20, 25%), depression (2/20, 10%), posttraumatic stress disorder (3/20, 15%), psychosis (3/20, 15%), and stress (7/20, 35%). Most of the studies (13/20, 65%) showed the beneficial effects of VR therapies in improving stress and negative symptoms. However, 35% (7/20) of the studies showed no or a small effect on the various dimensions of positivity, particularly in clinical samples. Conclusions: VR interventions might be cost-effective and largely scalable, but further research is needed to develop existing VR software and treatments according to the modern positive mental health approach.

10.2196/44998

● **CONFERENCES AND SEMINARS**

15/09/2023 – 17/09/2023 Florence

XXIII National Congress Italian Psychological Association Clinical and Dynamic Section

Scientific lecture on The use of Virtual Reality according to the Positive Clinical Psychology perspective (Chiara Ruini, Giorgio Li Pira)

11/09/2023 – 13/09/2023 Bologna

INTERNATIONAL SUMMER SCHOOL IN POSITIVE PSYCHOLOGY

I presented a seminar on the efficacy of our VR software (H.O.M.E) in treating depression and anxiety on a sample of young college students at the International Summer School in POSITIVE PSYCHOLOGY: Understanding and Promoting Student Well-being and Resilience organized by the University of Bologna with the University of Pretoria.

25/05/2023 – 27/05/2023 Cagliari

Benessere psicologico, depressione e burnout negli operatori sanitari durante le pandemie. (Ruini C., Li Pira G., Cordella E. e Vescovelli F.), IV Congresso Nazionale Società Italiana di Psicologia della Salute

16/06/2023 – 17/06/2023 Torino

Tanatofobia e benessere psicologico negli operatori sanitari. (Ruini C., Colombo C., Li Pira G.); Giornate Nazionali di Psicologia Positiva XV Edizione
