

Curriculum vitae of VALENTINA MORO

Dipartimento di Filosofia, Pedagogia e Psicologia
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Work Experience:

- Since 2004: Researcher in Psychobiology and Physiological Psychology (MPSI-02), with lecturing tasks at the University of Verona
- From 13/9/2001 to 13/2/2003: Obligatory absence from work due to complications during pregnancy and maternity leave (date of birth: 13/5/2002)
- From 1/4/2003 to 23/2/2004: Obligatory absence from work due to complications during pregnancy and maternity leave (date of birth: 23/11/2003)
- 1991- 2003: Therapist in Neuropsychological Rehabilitation at Sacro Cuore Hospital, Negrar, Verona
- 1989-1991: Rehabilitation Therapist at the Center of Rehabilitation “La Nostra Famiglia” - Sede di Padova
- June/December 1988: Rehabilitation Therapist at the Centre de Rééducation de Mongoumba – Republic Centrafricaine

Research Activity:

Dr Valentina Moro started her research in 1995 at the Sacro Cuore Hospital in Negrar, Verona. Here, thanks to close collaboration with the Institute of Human Physiology (University of Verona), in particular with Prof. Giovanni Berlucchi and Prof. Salvatore Maria Aglioti, she initiated some research projects on attentional disorders and unilateral spatial neglect in brain damaged patients. During this period, her research also included the study of the neural basis of cerebral plasticity and its implications in the rehabilitation of patients affected by stroke or traumatic brain injury.

Subsequently, her research issues have extended to the biological correlates of body and face visual perception and action discrimination and to their specific disorders after central and periferical neurological lesion.

In rehabilitation, her research aims to investigate awareness of pathology and the potential for recovery in the pre-clinical and initial phases of mental deterioration.

She now works as a senior researcher in the Psychobiology and Physiological Psychology sector, in the Department of Philosophy, Pedagogy and Psychology at the University of Verona.

The main subject of her studies is the integration between body and action representation in brain damaged patients. She is the Director of Laboratory of Neuropsychology at Department of Philosophy, Pedagogy and Psychology , University of Verona.

Areas of research:

- Neural bases of body and action representation in healthy individuals and in patients with focal brain damage
- Body representation in spinal cord injured subjects
- Biological mechanisms of neural plasticity in rehabilitation processes
- Neuropsychological assessment and cognitive training in mental deterioration
- The unilateral neglect syndrome
- Visual perception and imaging disorders in brain injury
- Awareness of disability and anosognosia for hemiplegia
- Dementia and mental deterioration

These studies are being carried out in collaboration with the Units of Neurology and Rehabilitation at the following hospitals: the Ospedale Maggiore and the Policlinico G. Rossi in Verona, the Ospedale Sacro Cuore in Negrar, the Alzheimer Centre of Verona, the Department of Rehabilitation of Verona and the Ospedale dell'Angelo in Mestre. In addition, since 2005 she has been working with the Laboratory of TMS and Psychophysics in the Faculty of Psychology at the University "La Sapienza" in Rome, under the direction of Prof. Salvatore Maria Aglioti. In Europe, part of research in rehabilitation is carried out in collaboration with the King's College in London and the Donders Institute for Brain, Cognition and Behaviour, Radboud University Nijmegen (the Netherlands).

Teaching experience:

Degree courses, specialized degree courses, senior school courses for professional training in Psychomotricity.

Teaching roles:

- Director of the teaching body of the Specialization Course in cognitive stimulation and educational strategy in the elderly
- Member of the Scientific Committee of the Specialization Course in Educating against racism
- Director of the teaching body of the International Master's course in Psychomotricity
- Member of the Scientific Committee of the Master Course in Teaching of sensorial disabilities
- 2011: Member of the teaching body for the International and European PhD Course in Psychology and Social Neuroscience (La Sapienza University, Roma)
- Member of the teaching body of the Senior School for Professional Training in Psychomotricity
- 2004-2009: Member of the teaching body for the Ph D Course in Psychological and Psychiatric Sciences

- 2011/12: “Methodology of Cognitive rehabilitation” (24 ore), Degree course in Physiotherapy
- 2011/12 “Neuroscience and culture” (30 ore) Degree course in Educational science – Curriculum interculture
- 2011/12 “Psychobiology and neuropsychology” (30 ore) Degree course in Educational science – Curriculum Infancy and Preadolescence
- 2011/12 “Psychobiology” (36 ore) Education Sciences in Organization (L24)
- 2010/11: “Cerebral Plasticity” (15 h.), Specializing degree in Pedagogical Sciences
- 2010/2011: “Methodology of Cognitive rehabilitation (18 h.), Degree course in Physiotherapy
- 2010/2011 “Psychobiology” (10 h.) Professional Senior School for Psychomotricity, Verona.
- 2009/10: “Dynamic Psychology” (30 h.), Specializing degree in Pedagogical Sciences
- 2009/10: “Cerebral Plasticity” (15 h.), Specializing degree in Pedagogical Sciences
- 2007/08 - 2009/10 “Psychobiology” (10 h.) Professional Senior School for Psychomotricity, Verona.
- 2006/07 - 2008/09: “Psychobiology e Neuropsychology” (30 h.), Degree course in Educational science
- 2006/07 - 2008/09: “Psychology of Disability and Rehabilitation” (30 h.), Degree course in Educational science
- 2007/08: “Neural bases of Disability” (16 h.) Specializing degree in Modified Motor Sciences
- 2003/04 - 2005/06: “Psychobiology” (32 h.) .), Degree course in Educational science , (32 h.) Degree course in Experts in training processes, (24 h.) Master’s course (Cognitive and neuro-motor Education)
- 2004/05 “Psychopathology of reading and writing” (40 h.) specialized degree courses for primary school support teachers, (Vicenza and Verona).

Research projects

Valentina Moro is/was scientific research coordinator in the following group projects:

- Multimodal predictive coding of actions in brain damaged patients (Unit of Verona. PRIN 2009: 2009A8FR3Z_003 National Scientific coordinator Prof. S.M. Aglioti);
- Cognitive stimulation in patient with mild cognitive amnesic deficit and pre-Alzheimer syndrome. Regione Veneto (scientific coordinator V. Moro e G. Gambina – 2008)

She has been research collaborator in the following projects:

- And yet they MOve: immobile patients re-enter the physical world through embodiment in avatar or robot surrogates - Bando Progetti di Ricerca Giovani Ricercatori – Ricerca Finalizzata 2010 (scientific coordinator S.M. Aglioti – 2010)
- Predictive action-perception resonance and mental simulation – Istituto Italiano di Tecnologia, project SEED (scientific coordinator S.M. Aglioti – 2009)

- Cognitive and behavioural disability in mental impairment and psychosis - Progetto Neuroscienze CARIVERONA (Scientific Coordinatore Prof. Rizzuto – 2010-2013)
- Cognitive mechanisms of social interaction: sharing representations of self and others (PRIN 2005; Scientific coordinator Prof. Umberto Castiello);
- Attention and affects in mother and child face-to-face communication: development changes and individual differences in 3-months-old babies (PRIN 2004; Scientific coordinator Prof. Maria Luisa Genta).

Supervisory responsibilities

In addition to responsibilities as supervisor of doctorate students' research, she was a supervisor for 13 annual research grants, financed from her own budget, with the expectation of one research grant (1 year) financed by the University.

Review activities

She has *been a reviewer of a selection of articles for various journals*: Neuroscience & Biobehavioral Reviews, Neuropsychologia, Cortex, Behavioural Neurology, NeuroRehabilitation and Neural Repairs.

She has worked as a referée for Ministerial Projects (FIRB and PRIN).

Comitati scientifici

Since 2011 she has been a member of the scientific committee of the Italian journal (subject to review): ReS – Ricerca e Studi in Psicomotricità – ISSN:2037-7681.

PRESENTATIONS

2012:

- Moro V: *Anosognosie per emiplegia*. Professional update for medical and paramedical staff (ECM), Negrar (Vr) April 17, 2012
- Moro V.: *Percezione ed organizzazione dello spazio*. Professional update for Psychomotricians (ECM), Verona, March 17 2012

2011:

- Moro V: *Apprendimento e plasticità cerebrale: il caso della lettura*. Annual Psychomotricity study day: "I disturbi del linguaggio e i disordini psicomotori: l'apporto della psicomotricità e del rilassamento" – Verona, December 9, 2011
- Condoleo MT; Moro V., Bonazzi AC, Valbusa V, Broggio E., Sala F., Moretto G, Gambina G. *L'approccio metacognitivo alla stimolazione cognitiva in soggetti affetti da deficit cognitivo amnesico*". Neuroscienze, salute mentale e psicologia clinica, Verona November 23, 2011
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2010:

- Moro V: *Plasticità cerebrale e memorie: quali possibilità con l'invecchiamento?* Lecture at Professional update for medical and paramedical staff (ECM) "La persona affetta da demenza in struttura: come dare senso alle giornate" Vicenza, April 22

- Moro V: Riserva cognitiva e plasticità cerebrale: implicazioni riabilitative, Convegno Scientifico Regionale AIFI VENETO, Bolzano Vicentino May 8 (Lecture)
- Condoleo MT., Moro V., Sala F., Moretto G., Gambina G: Amnesic-Mild cognitive impairment (a-MCI): uno o tanti?, V Congresso SINDEM , Firenze, March 18-20 (Poster)

2009:

- Moro V: The Neural Basis of Body Form and Body Action Agnosia, Festival della scienza, Infinitamente, Verona January 30 –February 1 (Lecture)
- Condoleo MT., Moro V., Sala F., Moretto G., Gambina G: Stimolazione cognitiva nei soggetti affetti da lieve deficit cognitivo mnesticico mediante un intervento individualizzato ed ecologico, 3° Congress of Istituto Superiore di Sanità (ISTISAN), Roma October 26 (Poster)
- Moro V: I disturbi dell'immaginazione mentale visiva, VI Professional Update in Neuropsychological Rehabilitation – Imola, November, 6-7
- Moro V: Il corpo nel cervello: la rappresentazione del corpo attraverso gli studi di neuroimmagine, neurofisiologia e neuropsicologia , Second National Meeting Nazionale AINp “Neuroscienze, Neuropsicologia e Psicopatologia: l'integrazione delle scienze della mente dalla diagnosi alla riabilitazione, Bellaria (Rimini) – November 21-22 (Lecture)
- Moro V: Plasticità cerebrale e memorie: quali possibilità con l'invecchiamento? Convegno Demenza- Ospedale Territorio, Trento december 11 (Lecture)

2008:

- Moro V.: La réorganisation du mouvement entre lésion et plasticité cérébrale. Relazione presentata al Colloque International “Plasticité cérébrale et mémoire corporelle...” Parigi, July 2-5 2008 (Lecture)
- Pernigo S., Moro V.. Representation of static and acting bodies in brain damaged patients with personal neglect. Poster. Summer School "The Sense of Body", Bologna, June 2008

2007:

- Pernigo S., Venturini D., Cordioli Z., Aglioti S.M., Moro V.. Action awareness and action execution in patients with anosognosia for hemiplegia. Poster in Body Representations Workshop, Rovereto, October 2007
- Condoleo MT., Moro V., Sala F., Moretto G., Gambina G: Il priming semantico in soggetti affetti da a-MCI (amnesic mild cognitive impairment), Congress ITINAD (Italian Interdisciplinary Network on Alzheimer Disease), Olbia, October 4-5 (Poster)
- Symposium: “Representation of Static and acting Bodies and identification of self as distinct from others” al National Congress of the Italian Society of Neuroscience. Verona, September 27-30 2007
- Moro V., Discrimination of body identity and body action in brain damaged patients, Relazione presentata al National Congress of the Italian Society of Neuroscience. Verona, September 27-30 2007
- Moro V., Pernigo S., Urgesi C., Zapparoli P., Aglioti S.M. Body representation and gestures imitation in Gerstmann's Syndrome. Poster presentato al Workshop on

'Concepts, Actions, and Objects: Functional and Neural Perspectives' Rovereto, Avril 19-22 2007

- Pernigo S., Urgesi C., Aglioti S.M., Moro V. Implicit memory of body action and body form: a behavioural study. Poster presentato al Workshop on 'Concepts, Actions, and Objects: Functional and Neural Perspectives' Rovereto, Avril 19-22 2007

2006:

- Coltro G., Moro V., Brighenti M., Franco A., Chelazzi L. I disturbi attenzionali nell'autismo. Poster. XX National meeting AIP Psicologia dello sviluppo. Verona, sept 15-17 2006

- Urgesi C., Moro V., Candidi M., Aglioti S.M. Selective facilitation of the human motor system by observation of static snapshots that imply body actions. Poster. XII Annual Meeting of the Organization for Human Brain Mapping, NeuroImage, Firenze 2006 June.

- Peru A., Moro V., Tellini P., Tassinari G. : The role of the right hemisphere on the recovery from aphasia in childhood: [evidence from a single longitudinal case study](#). – Poster. [The architecture of language, from cognitive modelling to brain mapping and back](#) - Pisa 8-10 june 2006.

MEMBERSHIP:

- Member of Italian Society of Neuroscience (SINS)
- Member of Italian Society of Neuropsychology (SINP)
- Member of Federation of European Neuroscience Societies (FENS)
- Member of Center of research of interdisciplinary studies and training on disability (CEP-CRI-SIsS) (University of Verona).