

Narges RADMAN MD., PHD

PERSONAL DATA

ADDRESS: Institute for research in fundamental sciences, IPM, School of Cognitive Sciences, Artesh HWY, Tehran, Iran
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EDUCATION

MARCH 01 2017 PhD in COGNITIVE NEUROSCIENCE, **University of Fribourg**, Switzerland
Lemantic Neuroscience Doctoral Program
Thesis: "Bilingual brain and bilingual aphasia: Role of executive functions and mechanism of recovery"
Advisor: Prof. Jean-Marie ANNONI

2013-2015 **Lemantic Neuroscience Doctoral School**

FALL 2015 Exchange semester at **Hong Kong University**, Hong Kong
Advisor: Prof. Brendan WEEKES

NOVEMBER 30 2010 Doctorate in Medicine **Tehran University of Medical Sciences**, Iran

ACADEMIC APPOINTMENTS

Sep. 2017-present: Research Assistant Professor, INSTITUTE FOR RESEARCH IN FUNDAMENTAL SCIENCES (IPM), Tehran, Iran

PROFESSIONAL EXPERIENCE

Part-time working experiences

- *2013, 2015 and 2017:* Research physician assistant at FRIBOURG CANTONAL HOSPITAL (HFR), MEMORY CLINIC, Switzerland.
- *Jun-Dec. 2012:* Internal medicine Physician assistant at HOPITAL LA VALLEE, LE SENTIER, Switzerland.
- *Jun. 2011-Jan. 2013:* Research assistant at LABORATORY FOR COGNITIVE AND NEUROLOGICAL SCIENCES, Switzerland.

PUBLICATION

Journal publication

- **N. Radman**, J. Britz, K. A. Buetler, B. Weekes, L. Spierer and J.M. Annoni. Transcranial direct current stimulation over dorsolateral prefrontal cortex; effect on language production in late unbalanced bilingual. *Frontiers in Neuroscience*. 2018 Jul 25;12:490.
- Jost, **N. Radman**, K. A. Buetler, J.M. Annoni. Behavioral and electrophysiological signatures of word translation processes. *Neuropsychologia*. 2018 Jan 31;109:245-254.
- **N. Radman**, M. Mouthon, M. Di Pietro, C. Gaytanidis, B. Leemann, J. Abutalebi, J.M. Annoni. The role of the cognitive control system in recovery from bilingual aphasia, a

multiple single-case fMRI study. *Neural Plasticity*. 2016, Special Issue: Neuroplasticity of language networks.

- **N. Radman**, L. Spierer, M. Laganaro, J-M. Annoni, F. Colombo. Language specificity of lexical-phonological therapy in bilingual aphasia: A clinical and electrophysiological study. *Neuropsychological Rehabilitation*. 2015 May 26:1-26.
- **N. Radman**, S. Cacioppo, L. Spierer, E. Schmidlin, E. Mayer, J.M. Annoni. Posterior SMA Syndrome following subcortical stroke: contralateral akinesia reversed by visual feedback. *Neuropsychologia*. 2013 Nov;51(13):2605-10.
- A.L. Manuel, **N. Radman**, D. Mesot, L. Chouiter, S. Clarke, J.M. Annoni and L. Spierer. Inter- and intrahemispheric dissociations in ideomotor apraxia: A large-scale lesion-symptom mapping study in subacute brain-damaged patients. *Cerebral Cortex*. 2013 Dec;23(12):2781-9.
- **N. Radman**, F. Staub, T. Abouafia, A. Bernex, J. Bogousslavsky, J.M. Annoni. Post-stroke fatigue following minor infarcts: A prospective study. *Neurology*. 2012 Oct 2;79(14):1422-7.
- S. Borna, E. Neematipoor, **N. Radman**. Risk of Coronary Artery Disease in Women with History of Pregnancies Complicated by Preeclampsia and LBW. *Journal of Maternal, Fetal and Neonatal Medicine*. 2012 Jul;25(7):1114-6.

Book contribution

- J.M. Annoni, **N. Radman**, F. Colombo, S. Zumbach, F. Assal. Docteur, j'ai des trous de memoire. in *Dr j'ai*. Revue Medicale Suisse, Geneva 2015.

SELECTED CONFERENCE PRESENTATION

- Invited speaker in 2nd Winter School for Neuroscience at Shahid Beheshti University, December 2017, Tehran, Iran.
- Invited speaker at 4th Iranian Human Brain Mapping congress, October 2017, Tehran, Iran.
- Oral presentation: Effect of tDC stimulation over the left Dorsolateral Prefrontal Cortex on language production in healthy late bilinguals. Fribourg day of Cognition, October 2015, Fribourg, Switzerland.
- Poster presentation: Role of the cognitive control function in the recovery of bilingual aphasia: preliminary results. Biennial Meeting of WFN RG ADCD, November 2014, Hong Kong.
- Oral presentation: EEG correlates of specific L1 language improvement after intensive L2 phonological rehabilitation: Case Report. Academy of Aphasia Annual Meeting, October 2013, Lucern, Switzerland.
- Posterior SMA Syndrome after stroke: Contralateral Akinesia reversed by visual control.
 - Oral Presentation, Fribourg Day of Cognition, October 2013, Fribourg, Switzerland.
 - Poster Presentation, XXI World Congress of Neurology, September 2013, Vienna, Austria.
 - Poster Presentation, 2nd SFCNS Congress of the Swiss Federation of Clinical Neuro-Societies, June 2013, Montreux, Switzerland.

- Oral Presentation: Post-stroke fatigue following minor infarcts: a prospective study. Annual meeting of Swiss Societies of Neurology, Biologic Psychiatry and Behavioural Neurology, November 2012, Basel, Switzerland:
- Poster presentation: Error analysis in ideomotor apraxia: a large-scale lesion-symptom mapping study in subacute brain-damaged patients. Fribourg Day of Cognition September 2011, University of Fribourg.

SUPERVISION OF STUDENTS/JUNIOR RESEARCHERS

Supervised 2 master thesis in medicine, two master thesis and one bachelor project in psychology.

TEACHING ACTIVITIES

- Winter semester 2018. Institute for Cognitive Sciences Studies (ICSS): Cognitive neuroscience of language
- Apr. 2013 and Apr. 2014. Fribourg University: Problem-oriented learning, Neuroscience
- Spring 2014 and Spring 2015. Fribourg University: Practical Work, Neurophysiology of reflexes

INDIVIDUAL SCIENTIFIC REVIEWING ACTIVITIES

Individual reviewing activity for **Cortex, Cerebrovascular disease and European Neurology**

PRIZES, AWARDS AND GRANTS

- A 500,000,000 IRR (12000 Euros) grant from Iran Cognitive Sciences and Technologies Council (COGC), for the project "*An fMRI study on the processing of word constructions in the brain.*"

PERSONAL SKILLS (E.G. LANGUAGE SKILLS, DIGITAL COMPETENCES)

PERSONAL SKILLS

- Electrical neuroimaging analyses of ERP ; Source estimations
- Trans-cranial direct current stimulation (tDCS)
- Statistical Parametric Mapping (SPM), Dynamic Causal Modelling (DCM) for fMRI
- Voxel-based Lesion Symptom Mapping (VLSM)
- Neurological and neuropsychological assessment
- R, SPSS, Latex
- Languages: Persian (Native), English (Fluent), French (Fluent)
- TRREE (TRAINING AND RESOURCES IN RESEARCH ETHICS EVALUATION) certificates in **Research ethics evaluation, Informed consent and Good clinical practice.**

REFERENCES

Professor Jean-Marie Annoni
 Chair of Neurology, Department of Medicine
 University of Fribourg

Director of Laboratory for Cognitive and Neurological Sciences (LCNS)
jean-marie.annoni@unifr.ch

Dr Lucas Spierer

Neurology, Department of Medicine, University of Fribourg
Co-director of Laboratory for Cognitive and Neurological Sciences (LCNS)
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