

**SIMON RUCH, Dr. Phil.****Curriculum Vitae**

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University of Bern  
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**EDUCATION**

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- 2010 - 2015 **PhD at the University of Bern, Switzerland.**  
**Division of Experimental Psychology and Neuropsychology.**
- 2004 - 2010 **Lic. phil. (Master's degree) in Psychology**  
**University of Bern (Switzerland)**  
Major: Clinical Psychology & Psychotherapy  
Minor 1: Neuropsychology  
Minor 2: Psychopathology
- 2003 - 2004 Two semesters in computer science and communication and media studies at the University of Bern

**PROFESSIONAL EXPERIENCE**

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- Since April 2015 Post-Doc in the group of Prof. Dr. Katharina Henke, Professor of Experimental Psychology and Neuropsychology, University of Bern (Switzerland).
- Since Mai 2014 Assistant to the director of the Center for Cognition, Learning and Memory (CCLM), University of Bern (Switzerland)
- 2010 – March 2015 Research assistant and PhD student in the group of Prof. Dr. Katharina Henke, Professor of Experimental Psychology and Neuropsychology, University of Bern (Switzerland).
- 2008 - 2010 Undergraduate assistant in the group of Prof. Dr. Carolyn C. Morf, associate professor at the Department of Psychology, University of Bern (Switzerland).

**PUBLICATIONS**

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- Ruch, S., Markes, O., Duss, S. B., Oppliger, D., Reber, T. P., Koenig, T., Mathis, J., et al. (2012). Sleep stage II contributes to the consolidation of declarative memories. *Neuropsychologia*, 50, 2389–2396. <http://dx.doi.org/10.1016/j.neuropsychologia.2012.06.008>
- Ruch, S., Koenig, T., Mathis, J., Roth, C., & Henke, K. (2014). Word encoding during sleep is suggested by correlations between word-evoked up-states and post-sleep semantic priming. *Frontiers in Psychology*, 5, 1319. <http://dx.doi.org/10.3389/fpsyg.2014.01319>
- Züst, M. A., Colella, P., Reber, T. P., Vuilleumier, P., Hauf, M., Ruch, S., & Henke, K. (2015). Hippocampus is place of interaction between unconscious and conscious memories. *PLoS ONE*, 10(3), e0122459. <http://doi.org/10.1371/journal.pone.0122459>

## TALKS & POSTERS

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- Ruch, S., Koenig, T., Mathis, J., Roth, C., & Henke, K. (2014). Learning words during sleep. Talk at the 2014 Annual Meeting of the Society for Neuroscience, Washington, DC.
- Ruch, S. (2014). Word encoding during sleep. Talk at the joint meeting of the Swiss Society for Neuroscience and the Clinical Neuroscience Bern, in Bern, Switzerland.
- Ruch, S. (2013). Word encoding during sleep. Talk at the sleep research meeting of the Bern Network for Epilepsy, Sleep, and Consciousness (BENESCO), in Adelboden, Switzerland.
- Ruch, S. (2012). How do adult brains make memories? Talk at the symposium of the Center for Cognition, Learning and Memory (CCLM) at the 8<sup>th</sup> annual meeting of the Clinical Neuroscience Bern, in Bern, Switzerland.
- Ruch, S., Markes, O., Duss, S. B., Oppliger, D., Reber, T. P., Koenig, T., Mathis, J., Roth, C., & Henke, K. (2012). The contribution of sleep stage II to the consolidation of episodic memories. Poster presented at the 2012 Annual Meeting of the Cognitive Neuroscience Society, Chicago, IL.
- Ruch, S., Markes, O., Duss, S. B., Oppliger, D., Reber, T. P., Koenig, T., Mathis, J., Roth, C., & Henke, K. (2011). The contribution of sleep stage II to the consolidation of episodic memories. Talk at the sleep workshop at the 7<sup>th</sup> annual meeting of the Clinical Neuroscience Bern, in Bern, Switzerland.

## EVENT ORGANIZATION

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Local organizer of the *swiss memory workshop* 2015, an international congress that brings experts in the neurobiological and psychological study of memory together to discuss their latest research and theoretical advances.

## TEACHING

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Teaching assistant for undergraduate courses:

- 2010: Seminar on the “*limits of unconscious information processing*”
- 2011: Seminar on “*neuronal synchronicity*”
- 2011: Seminar on “*familiarity and priming*”
- 2013: Seminar on “*cognitive functions of sleep*”

Single lectures on the “*neurobiology of sleep*” and “*cognitive functions of sleep*”.

Supervision of bachelor and master theses.

## LIST OF ATTENDED GRADUATE COURSES

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- EEG Blockkurs „*Hirnelektrische Felder – Funktionelle Hirnzustände: Vom Experiment zur Interpretation*“ (Prof. Dr. Thomas König)
- Workshop: Multilevel Analysis with R (Dr. Norman Rose)
- Workshop: Introduction to R (Dr. Norman Rose)
- Colloquium of the Center for Cognition, Learning and Memory (CCLM), University of Bern
- Research colloquium of the Division of Experimental Psychology and Neuropsychology, Department of Psychology, University of Bern
- Seminar of the Bern Network for Epilepsy, Sleep, and Consciousness (BENESCO), University of Bern (2013 – 2014)

Bern, June 2015  
Simon Ruch