

# Dr. Hanna Schleihauf

date of birth July 2<sup>nd</sup>, 1987, Speyer, Germany  
address Zschochersche Str. 41  
04229 Leipzig  
Germany  
phone 017670443775  
e-mail schleihauf@cbs.mpg.de

## Work Experience & Education

---

### Research Experience

- 05/2019 – **DAAD P.R.I.M.E. Fellow** – Berkeley University, California, USA and Göttingen University, Göttingen, Germany  
present  
Project: Ontogenetic and Phylogenetic Roots of Help-seeking  
Supervisor: Prof. Dr. Jan Engelmann & Prof. Dr. Julia Fischer
- 09/2018 – **Postdoc** – Max Planck Institute for Cognitive and Brain Science, Leipzig, Germany  
05/2019  
Project 1: *An Investigation of Over-imitation with Eye-tracking*  
Supervisor: Prof. Dr. Stefanie Hoehl  
Project 2: *Human Attachment: Elucidating the underlying Psychological, Behavioral, Biological, Physiological, and Neural Basis*  
Supervisor: Dr. Pascal Vrticka
- 04/2017 – **PhD Student** – Max Planck Institute for Cognitive and Brain Science, Leipzig, Germany  
09/2018  
**Dissertation defended in 09/2018:**  
**Dr. Phil. in Psychology**, University of Heidelberg, Germany  
Title of thesis: *Why do we imitate nonsense? The underlying motivations of over-imitation*  
Reviewers: Prof. Dr. Stefanie Hoehl, Prof. Dr. Sabina Pauen, Prof. Andrew Whiten, PhD.  
Grade: summa cum laude (this is considered to be the best possible grade)
- 04/2017 – **PhD Program at International Max Planck Research School on**  
09/2018 **Neuroscience of Communication (IMPRS NeuroCom): Function, Structure, and Plasticity**, Max Planck Institute for Cognitive and Brain Science, Leipzig, Germany
- 09/2014 – **PhD Student** - Department of Developmental and Biological Psychology, Heidelberg  
03/2017 University, Heidelberg, Germany  
Supervisor: PD Dr. Stefanie Hoehl
- 04/2014 – **Research Assistant** - Department of Developmental and Biological Psychology,  
08/2014 Heidelberg University, Heidelberg, Germany
- 10/2011 – **Master of Science, Developmental and Clinical Psychology**, Heidelberg  
08/2013 University, Germany  
Title of thesis: *Over-imitation and Natural Pedagogy – When do children overimitate? The role of the model's pedagogical intentions.*  
Supervisor: PD Dr. Stefanie Hoehl and Prof. Dr. Sabina Pauen.  
Grade: 1,0 (1 is considered to be the best on a scale from 1 to 5)

- 08/2011 – **Student Research Assistant** in the Centre for Psychological Psychotherapy (ZPP),  
09/2013 Heidelberg, Germany
- 09/2012 – **Research Internship**, Psychiatric Mother-Child Unit, Clinic for General Psychiatry at  
12/2012 Heidelberg University Hospital, Heidelberg, Germany
- 04/2010 – **Bachelor of Science, Psychology**, Heidelberg University, Germany  
07/2011 Title of thesis: *Psychotherapy in depressed patients with and without comorbid personality disorder – The role of symptom burden and severity of depression in therapy progress.*  
Supervisor: Dr. Hinrich Bents and Prof. Dr. Annette Kämmerer.  
Grade: 1,5 (1 is considered to be the best on a scale from 1 to 5)
- 08/2010 – **Student Research Assistant** in the Department for Work and Organizational  
04/2011 Psychology, Heidelberg University, Heidelberg
- 10/2006 – **Intermediate Diploma in Psychology**, Vienna University, Austria  
02/2009 Grade: 1,7 (1 is considered to be the best on a scale from 1 to 5)

### **Clinical Experience**

- 01/2018 – **Training in Psychotherapy**, Cognitive and Behavioral Therapy, Institute for  
04/2019 Psychotherapy (IPT), Leipzig, Germany  
Planned approbation date: 08/2020
- 04/2018- **Psychotherapist under supervision**, Ambulatory of Cognitive-Behavioral Therapy,  
present Institute for Psychotherapy (IPT), Leipzig, Germany
- 01/2016 – **Behavioral Parent-Child-Psychotherapy (VEKIP)**, Cognitive and Behavioral  
12/2017 Therapy, Centre for Psychological Psychotherapy (ZPP), Heidelberg, Germany
- 10/2013 – **Training in Psychotherapy**, Cognitive and Behavioral Therapy, Centre for  
12/2017 Psychological Psychotherapy (ZPP), Heidelberg, Germany
- 02/2016 – **Psychotherapist under supervision**, Ambulatory of Cognitive-Behavioral Therapy,  
12/2017 Centre for Psychological Psychotherapy (ZPP), Heidelberg, Germany
- 11/2014 – **Educational Counselling in Youth Welfare**, Jugendhilfe Einrichtungen Südwest  
03/2015 gGmbH, Schwegenheim, Germany
- 01/2015 – **Practical Work I as a Psychotherapist** in the course of my psychotherapy training,  
12/2015 psychiatric day unit for people with affective disorders, Clinic for General Psychiatry at  
Heidelberg University Hospital, Heidelberg, Germany
- 10/2013 – **Practical Work II as a Psychotherapist** in the course of my psychotherapy training,  
03/2014 Centre for Psychological Psychotherapy (ZPP), Heidelberg, Germany
- 02/2013 – **Freelance Work in Youth Welfare**, Jugendhilfe Einrichtungen Südwest gGmbH,  
10/2014 Zeiskam, Germany
- 11/2010 – **Practical Internship**, Psychiatric Outpatients' Department for Cognitive Training  
04/2011 (PAKT), Clinic for General Psychiatry at Heidelberg University Hospital, Heidelberg, Germany
- 08/2010 – **Practical Internship**, Psychiatric Unit for People with Anxiety and Obsessive-  
10/2010 Compulsive Disorders, Clinic for General Psychiatry at Heidelberg University Hospital,  
Heidelberg, Germany
- 07/2008 – **Practical Internship**, Centre for Therapeutic Horseback-Riding, Ludwigshafen,  
08/2008 Germany

## **Additional Work Experience**

02/2009 – **Au Pair** in San Carlos, California, USA  
02/2010

03/2006 – **Integration Assistant** in an elementary school, Grundschule im Vogelgesang, Speyer,  
10/2006 Germany

## **Teaching**

---

10/2016 – **Bachelor Seminar** Moral Development, Heidelberg University, Germany  
02/2017

04/2016 – **Bachelor Seminar** Imitation in Children and Animals, Heidelberg University, Germany  
07/2016

04/2015 – **Bachelor Seminar** Imitation in Child Development, Heidelberg University, Germany  
07/2015

## **Mentoring**

---

2017 – **Supervision** of the undergraduate students Philipp Horrer (2017, with Prof. Stefanie  
2019 Hoehl) and Neli Tsvetlova (2017, with Prof. Sabina Pauen), and the graduate students Anna  
Seidl (2019, with Roman Stengelin) and Rebeka Alam (2019, with Prof. Robert Hepach).

## **Awards and Scholarships**

---

02/2019 **DAAD R.R.I.M.E. Fellowship** granted by the DAAD (German Academic Exchange  
Service) for a period of 1 ½ years (106 352 Euro)

11/2018 **Dissertation award** from the Leipzig Research Center for Early Child Development (200  
Euro)

10/2018 **Travel bursary** granted by the DAAD (German Academic Exchange Service) for attending  
the Cultural Evolution Society Meeting (CES), Tempe, USA (1910 Euro)

07/2015 – **PhD Scholarship** from the Studienstiftung des Deutschen Volkes (German Academic  
06/2018 Scholarship Foundation) (52 200 Euro)

09/2015 – **Travel bursary** granted by the German Academic Scholarship Foundation for attending  
01/2018

- 01/2018: Budapest CEU Conference on Cognitive Development (BCCCD), Budapest, Hungary (325 Euro)
- 10/2017: Cognitive Developmental Society (CDS) Biennial Meeting, Portland, USA (1425 Euro)
- 04/2017: the SRCD Biennial Meeting, Austin, USA (1325 Euro)
- 01/2017: the Budapest CEU Conference on Cognitive Development (BCCCD), Budapest, Hungary (325 Euro)
- 06/2016: the German Academic Scholarship Foundation for attending the Lancaster Conference on Infant and Child Development (LCICD), Lancaster, England (455 Euro)
- 01/2016: the Budapest CEU Conference on Cognitive Development (BCCCD), Budapest, Hungary (405 Euro)
- 09/2015: the European Conference on Developmental Psychology (EDCP), Braga, Portugal (575 Euro)

## Other activities

---

- 03/2018      **Workshop “Programming and Linear Modeling in R”** at Max Planck Institute for Cognitive and Brain Science, Leipzig, Germany
- 03/2019 & 03/2018      **Workshop “Linear Models”** taught by Roger Mundry at Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany
- 02/2018      **Workshop “Good Scientific Practice”** at Max Planck Institute for Cognitive and Brain Science, Leipzig, Germany
- 12/2017 –      **Workshop “Time and Project Management”** at Max Planck Institute for Cognitive and Brain Science, Leipzig, Germany
- 09/2017 –      **Workshop “Scientific Writing”** at Max Planck Institute for Cognitive and Brain Science, Leipzig, Germany
- 03/2016 –      **Three-week language course** at Hilderstone College with the Studienstiftung des Deutschen Volkes, Broadstairs, England
- 09/2009 –      **Stanford Continuing Studies**, Palo Alto, California, USA
- 12/2009      Attending the class “Positive Psychology: The Pursuit of Health and Happiness”

## Publications

---

### 1. Peer-reviewed publications

Schleihauf, H., Pauen, S., & Hoehl, S. (in press). Minimal group formation influences on over-imitation. *Cognitive Development*.

Hoehl, S., Keupp, S., Schleihauf, H., McGuigan, N., Buttelmann, D., & Whiten, A. (2019). ‘Over-imitation’: A review and appraisal of a decade of research. *Developmental Review*, 51, 90-108.

Schleihauf, H., Graetz, S., Pauen, S., & Hoehl, S. (2018). Contrasting social and cognitive accounts on overimitation: The role of causal transparency and prior experiences. *Child Development*, 89(3), 1039-1055.

Hoehl, S., Zettersten, M., Schleihauf, H., Grätz, S., & Pauen, S. (2014). The role of social interaction and pedagogical cues for eliciting and reducing overimitation in preschoolers. *Journal of experimental child psychology*, 122, 122-133.

### 2. Other publications

Schleihauf, H. (2018). *Why do we imitate nonsense? The underlying motivations of overimitation* (Doctoral dissertation). University of Heidelberg, Germany.

### 3. Submitted

Schleihauf, H., Tsvetkova, N., König, A., Mombauer, K., Hoehl, S. & Pauen, S. (2018). *Do children over-imitate robots?* Manuscript submitted for publication.

Schleihauf, H. & Hoehl, S. (2018). *Different underlying motivations of over-imitation - A dual-modes explanatory model*. Manuscript submitted for publication.

## Presentation at conferences: Talks

---

Schleihauf & Hoehl, S. (2018, October). A dual-mode model for over-imitation. In H. Schleihauf (Chair), *Teaching and Over-Imitation*. Symposium conducted at the Meeting of the Cultural Evolution Society (CES), Tempe, USA.

Schleihauf, H. (2018, March). Why do we imitate nonsense? The underlying motivations of overimitation. Institute Colloquium, Max Planck Institute for Human Cognitive and Brain Science, Leipzig, Germany.

Schleihauf, H., Pauen, S., & Hoehl, S. (2017, October). The influence of communication, group membership and prior knowledge on over-imitation. In S. Ronfard (Chair), *Imitation as a Mechanism of Cultural Transmission: Exploring the Role of Biology, Context, and Culture*. Symposium conducted at the Cognitive Developmental Society (CDS), Portland, USA.

Hoehl, S., Schleihauf, H., & Pausen, S. (2016, January). The effect of social group membership on over-imitation. In A. W. Whiten (Chair), *Exploring the development and scope of over-imitation*. Symposium conducted at the Budapest CEU Conference on Cognitive Development (BCCCD), Budapest, Hungary.

Schleihauf, H., Pauen, S., & Hoehl, S. (2015, September). Learning the efficient strategy first eliminates overimitation in a communicative context. In M. Paulus (Chair), *New perspective on early social development: II. Social interaction*. Symposium conducted at the European Conference on Developmental Psychology (ECDP), Braga, Portugal.

Schleihauf, H., Hoehl, S., Zettersten, M., & Pauen, S. (2013, September). The role of social interaction and pedagogical cues for the elicitation and reduction of overimitation in preschoolers. In A. Schieler (Chair), *Application Areas of Imitation as a Behavioural Measure in Childhood Studies*. Symposium conducted at the

Tagung der Fachgruppe Entwicklungspsychologie der Deutschen Gesellschaft für Psychologie (EPSY), Saarbrücken, Germany.

## Presentation at conferences: Posters

---

Schleihauf, H. & Hoehl, S. (2019, January). Which factors influence over-imitation when I know that there is a more efficient way to solve the problem? Poster session presented at the Budapest CEU Conference on Cognitive Development (BCCCD), Budapest, Hungary.

Nguyen, T., Kayhan, E., Schleihauf, H., Matthes, D., Vrticka, P., & Höhl, S. (2018, July). The effects of caregiving on neural synchrony in mother-child interactions. Poster presented at the Lancaster Conference on Infant and Early Child Development (LCICD), Lancaster, England.

Nguyen, T., Kayhan, E., Schleihauf, H., Matthes, D., Vrticka, P., & Höhl, S. (2018, July). *The effects of caregiving and attachment on neural synchrony in mother-child interactions*. Poster presented at the 4th International Conference of the European Society for Cognitive and Affective Neuroscience, Leiden, Niederlande.

Schleihauf, H. & Hoehl (2018, June). *The dual-modes model for overimitation*. Poster presented at the IMPRS NeuroCom Summer School - Max-Planck-Institute for Human Brain and Cognitive Sciences. Leipzig, Germany.

Nguyen, T., Ezgi, K., Schleihauf, H., Matthes, D., Vrtička, P., & Hoehl, S. (2018, June). *Brain-to-brain synchrony in mother-child interactions: The effects of caregiving and attachment*. Poster presented at the IMPRS NeuroCom Summer School - Max-Planck-Institute for Human Brain and Cognitive Sciences. Leipzig, Germany.

Nguyen, T., Kayhan, E., Schleihauf, H., Matthes, D., Vrticka, P., & Höhl, S. (2018, February). *The effects of caregiving and attachment on bio-behavioural synchrony in mother-child interactions*. Poster session presented at the 2nd Workshop of the Scientific Network "Understanding others", Cologne, Germany.

Schleihauf, H., Tsvetkova, N., König, A., Mombauer, K., Hoehl, S., & Pauen, S. (2018, January). *Do humans over-imitate robots?* Poster session presented at the Budapest CEU Conference on Cognitive Development (BCCCD), Budapest, Hungary.

Schleihauf, H., Weigelt, S., & Hoehl, S. (2017, July). *Investigating the mechanisms of overimitation – an fMRI study*. Poster session presented at the IMPRS NeuroCom Summer School, London, England.

Schleihauf, H., Pauen, S., & Hoehl, S. (2017, June). *Does group membership affect overimitation in preschoolers?* Poster session presented at the Aegina Summer School, Aegina, Greek.

Schleihauf, H., Pauen, S., & Hoehl, S. (2017, April). *Does group membership affect overimitation in preschoolers?* Poster session presented at the Biennial Meeting of the Society for Research in Child Development (SRCD), Austin, USA.

Schleihauf, H., Pauen, S., & Hoehl, S. (2017, January). *Does group membership affect overimitation in preschoolers?* Poster session presented at the Budapest CEU Conference on Cognitive Development (BCCCD), Budapest, Hungary.

Schleihauf, H., Pauen, S., & Hoehl, S. (2016, August). *Does group membership affect overimitation in preschoolers?* Preliminary Results. Poster session presented at the LCICD, Lancaster Conference on Infant and Child Development, Lancaster, United Kingdom.

Schleihauf, H., Graetz, S., Pauen, S., & Hoehl, S. (2016, January). *Personal experience with testing object reduces overimitation in harm-avoidant children*. Poster session presented at the Budapest CEU Conference on Cognitive Development (BCCCD), Budapest, Hungary.

Schleihauf, H., Graetz, S., Pauen, S., & Hoehl, S. (2015, September). *Sequence matters: Children's imitation of non-functional actions depends on which action strategy is modelled first*. Poster session presented at EPSY, Tagung der Fachgruppe Entwicklungspsychologie der Deutschen Gesellschaft für Psychologie, Frankfurt.

Schleihauf, H., Zettersten, M., Pauen, S. & Hoehl, S. (2015, March). *Both causal and social reasoning underlies overimitation in five-year-olds*. Poster session presented at Biennial Meeting of the Society for Research in Child Development (SRCD), Philadelphia, USA.

## Professional Membership

---

Since 2018 Member of the **Cultural Evolution Society**

Since 2017 Member of the **Child Development Society**

## Outreach

---

22/06/2018 **Information Event** for Parents and Children at the Long Night of Science, Max Planck Institute for Cognitive and Brain Science, Leipzig, Germany

12/06/2018 **Lab Tour and Introduction to fNIRS** for Psychology Students of Leipzig University, Max Planck Institute for Cognitive and Brain Science, Leipzig, Germany

06/06/2018 **Kindergarten Day**, Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany

05/06/2018 **Lab Tour and Introduction to fNIRS** for Psychology Students of Chemnitz University, Max Planck Institute for Cognitive and Brain Science, Leipzig, Germany

13/07/2016 **Information Event** for Kindergarten Teachers, Speyer, Germany

16/03/2016 **Information Event** for Kindergarten Teachers, Römerberg, Germany