

# Curriculum Vitae

Dr. rer. nat. (Dipl.-Psych.)

**Jessica Röhner**



## Personal Data

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Date of birth:	June 4, 1984	Marital status:	Married
Place of birth:	Meerane	Nationality:	German

## Address

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### Official:

Chair of Personality Psychology and Psychological Assessment, University of Bamberg, Germany Markusplatz 3, D-96045 Bamberg, Germany

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## Research Interests

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- **Alternative approaches to the measurement of psychological characteristics**
  - Diffusion model analyses
  - Reaction-time-based measures
  - Qualitative data analyses
- **Response distortion**
  - Impression management
  - Self-deception
  - Faking behavior
- **Artificial intelligence**
  - Machine learning
  - Classification of response behavior
- **Prejudice and discrimination**
  - Measurement of implicit biases
  - Changeability of implicit biases

## Academic Education

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<b>Habilitation Phase</b> (Since <b>10/2019</b> )	7/2020	<b>Early and positive interim evaluation in the habilitation procedure</b> , University of Bamberg.
	Since 10/2019	<b>Post Doc</b> , University of Bamberg
<b>Doctoral Studies</b> ( <b>10/2009 – 01/2014</b> )	1/2014	<b>Completion of the doctoral exam</b> for Dr. rer. nat. ( <i>Awarded: summa cum laude</i> ), Chemnitz University of Technology.
<b>Psychology</b> ( <b>10/2003 – 09/2009</b> )	9/2009	<b>Dipl. Psych.</b> (equivalent to M.Sc., <i>Average score: 1,2</i> ), Chemnitz University of Technology.

## Professional Activities

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Since 3/2020	<b>Consultant at the Competence Center for Applied Personnel Psychology (KAP)</b> , University of Bamberg
3/2020	<b>Interim Researcher</b> at the Chair of Personality Psychology and Psychological Assessment, University of Bamberg
5/2018 – 3/2020	<b>Period of unavoidable delay due to illness and convalescence (severe disability recognized since 2018)</b>
6/2010 – 10/2018	<b>Research Affiliate</b> at the Chair of Personality Psychology and Assessment, Chemnitz University of Technology <b>(Working groups of Prof. Dr. Astrid Schütz, Dr. Jens Eisermann, PD Dr. Stefan Engeser, and Prof. Dr. Anja Strobel)</b>
10/2009 – 6/2010	<b>Research Assistant</b> at the Chair of Personality Psychology and Psychological Assessment, Chemnitz University of Technology
4/2009 – 7/2009	<b>Internship</b> at the KJF e.V. (children, youth, and family assistance), Chemnitz
8/2007 – 9/2009	<b>Research Assistant</b> at the Chair of Personality Psychology and Psychological Assessment, Chemnitz University of Technology
10/2008 – 12/2008	<b>Tutor for the class “Test Theory and Test Practice”</b> at the Chair of Personality Psychology and Psychological Assessment, Chemnitz University of Technology
10/2007 – 12/2007	<b>Tutor for the lecture “Applied Assessment”</b> at the Chair of Personality Psychology and Psychological Assessment, Chemnitz University of Technology

## Theses

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1. **Röhner, J.** (in prep.). *Lying on the dissection table: Anatomizing test-takers responses with Diffusion-Models and Machine-Learning*. Habilitation thesis. University of Bamberg.
2. **Röhner, J.** (2014). *Faking the Implicit Association Test (IAT): Predictors, processes, and detection*. Dissertation. Chemnitz University of Technology.
3. **Röhner, J., & Krüger, S.** (2009). *Explizites Verfälschen Impliziter Assoziationstests: Verfälschbarkeit von Selbstwert- und Extraversions-IATs mittels unspezifischer Fälschungsaufforderung vs. detaillierter Fälschungsinstruktion* [Explicit faking of implicit association tests: Faking of self-esteem and extraversion IATs using naive faking vs. recommended faking instructions]. Diploma thesis. Chemnitz University of Technology.

## Awards, Scholarships, and Prizes

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7/2021	<b>Conference Grant</b> from the Equal Opportunities office for participation in the Association for Psychological Science (APS) international symposium, University of Bamberg
Since 4/2020	<b>Scholarship</b> from the Equal Opportunities Office (96,200 Euro)
4/2020	"Psychology of Communication" selected as the <b>Springer highlight</b> in the 2020 program
9/2015	<b>Poster Prize</b> , 13th Annual Meeting of the Division of Personality Psychology and Psychological Assessment in the German Psychological Society, Mainz, Germany

## Academic Self-Administration, Engagement, and Committee Work

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Since 2/2020	<i>Member of the task force on diversity</i> in the Personality and Assessment Division of the German Psychological Society (GPS)
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## **Reviewer for**

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- Archives of Sexual Behavior
- Behavior Research Methods
- Current Issues in Personality Psychology
- Diagnostica
- European Journal of Psychological Assessment
- Experimental Psychology
- Frontiers in Psychology
- Journal of Experimental Psychology: Learning, Memory, and Cognition
- Journal of Experimental Social Psychology
- Journal of Research in Personality
- Scientific Reports
- National Science Centre, Poland
- Summer School of Personality Science (SSPS; <https://osf.io/fwjz9/>)
- DGPs Kongress 2022

## **International Research Collaborations**

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- Prof. Dr. Calvin K. Lai (Washington University in St. Louis, St. Louis, MO, USA; Director of Research: Project Implicit) concerning diffusion model analyses
- Prof. Dr. Ronald R. Holden (Queen's University, Kingston, ON, Canada) concerning reaction-time-based methods to detect faking
- Prof. Dr. Thomas P. Carpenter (Seattle Pacific University, Seattle, WA, USA) concerning Implicit Association Tests (IATs)
- Dr. Liad Uziel (Bar-Ilan University, Israel) concerning impression management

## Membership in Professional Organizations

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- Association for Psychological Science (APS)
- Association for Research in Personality (ARP)
- Deutschen Hochschulverband (DHV) [German Association of University Professors and Lecturers]
- Deutsche Gesellschaft für Psychologie (DGPs; ordentliches Mitglied) [German Psychological Society (GPS)]
- Psychonomic Society
- Society for Personality and Social Psychology (SPSP)
- Society for the Teaching of Psychology

## Membership in Research Organizations

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- Zentrum für innovative Anwendungen der Informatik (ZIAI) [Centre for Innovative Applications of Computer Science]
- Female Research Network (FeRNet)
- Bamberg Graduate School of Affective and Cognitive Sciences (BaGrACS)

## My Teaching at Chemnitz University of Technology

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### Lectures for Bachelor and Master Students

2016/2017	<b>Bachelor Lecture</b> "Personality Psychology"
2016	Sessions on "Indirect Measures of Data Collection" as well as "Fakeability and Social Desirability" in the <b>Master Lecture</b> "Methods and Areas of Application in Assessment"
2015	Sessions on "Item Response Theory II; Intertwining of Theory, Assessment, and Intervention" as well as "Assessment as Status and Process" in the <b>Bachelor Lecture</b> "Assessment"

2014 Session on "Item Response Theory II; Intertwining of Theory, Assessment, and Intervention" in the **Bachelor Lecture** "Assessment"

### **Research Colloquia for Bachelor and Master Students of Psychology**

2017 Session on Writing Papers in the **class** "Current Topics in Personality and Assessment"

2013/2014 **Class** "Current Topics in Personality Psychology and Assessment"

### **Master Seminars for Psychology Students**

2016 "Faking in Psychological Assessment: Findings, Myths, Problems, and Pathways to Solution"

2015/2016 "Applications in Test Construction"

2013/2014 "People Fake – So What?! (How) Can I Detect, Correct, or Even Prevent Faking?"

2013 "Assessment Procedures"

2012 "Faking in Direct and Indirect Measures"

2011 "Indirect Measures in Assessment"

### **Bachelor Seminars for Psychology Students**

2012-2018 "Test Theory and Practice I, Standardized Procedures"

### **Soft Skills Seminar**

2009-2012 "Interviewing and Preparing Presentations"

## **Supervised Student Research Projects**

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### **Master Theses**

1. Neudecker, M. (2022). *Qualitative Inhaltsanalyse zu Bearbeitungsstrategien im Need for Cognition-IAT [Qualitative content analysis on strategies in the need for cognition IAT]*. Master thesis, University of Bamberg.

2. Singer, S. M. (2022). *Qualitative Inhaltsanalyse zu Bearbeitungsstrategien im Extraversion-IAT [Qualitative content analysis on strategies in the extraversion IAT]*. Master thesis, University of Bamberg.
3. Degro, G. M. L. (2022). *Deriving a study design to examine the frame of reference effect in faking instructions*. Master thesis, University of Bamberg.
4. Käther, N. (2018). *Erfassung von konstrukt- und fälschungsbezogener Varianz in Impliziten Assoziationstests (IATs) mit Hilfe von Diffusionsmodellanalysen [Identifying construct- and faking-related variance in Implicit Association Tests (IATs) using diffusion model analysis]*. Master thesis, Chemnitz University of Technology.
5. Ziegenbalg, S. (2013). *Persönlichkeitseigenschaften als Prädiktoren des Fälschungserfolgs im Selbstberichtsverfahren und im IAT [Personality traits as predictors of faking success in self-report and IAT]*. Master thesis, Chemnitz University of Technology.

## **Bachelor Theses**

1. Zubovic, A. (2021). *Die Dunkle Triade und Lügen: Beeinflussen Persönlichkeit, Art der Lüge, Situationsdruck und Bekanntheitsgrad die Wahrscheinlichkeit zu lügen [The dark triad and lying: Do personality, type of lie, situational pressure, and level of acquaintance influence the likelihood of lying]?* Bachelor thesis, University of Bamberg.
2. Singer, M. (2018). *Generalisierbarkeit von Fälschungsstrategien im Impliziten Assoziationstest (IAT) [Generalizability of faking strategies in the Implicit Association Test (IAT)]*. Bachelor thesis, Chemnitz University of Technology.
3. Klink, H. (2018). *Gibt es einen Einfluss der dunklen Triade auf Fälschungsverhalten [Dark triad and faking]?* Bachelor thesis, Chemnitz University of Technology.
4. Dirk, A. (2017). *Der Einfluss von Eindruckslenkung, Selbstüberwachungstendenz und Selbstwirksamkeitserwartung auf das Fälschungsverhalten im Fragebogen und Impliziten Assoziationstest (IAT) am Beispiel von Extraversion [The impact of impression management, self-monitoring, and self-efficacy and on faking in questionnaires and the Implicit Association Test (IAT)]*. Bachelor thesis, Chemnitz University of Technology.



5. Beck, F. (2016). *Trennung von fälschungs- und konstruktbezogener Varianz im Impliziten Assoziationstest mit Hilfe von Diffusionsmodellanalysen: Eine Replikationsstudie [Separating faking- and construct-related variance in the Implicit Association Test using diffusion model analyses]*. Bachelor thesis, Chemnitz University of Technology.
6. Riedl, R. D. A. (2016). *Überprüfung der Validität von Detektionsmethoden [Testing the validity of detection approaches]*.
7. Rudat, A.-M. (2016). *Der Einfluss von Moral auf das Fälschungsverhalten im Fragebogen und im Impliziten Assoziationstest (IAT) am Beispiel von NFC und Extraversion [The impact of morality on faking in questionnaires and the Implicit Association Test (IAT)]*. Bachelor thesis, Chemnitz University of Technology.
8. Dell, J. & Ewald, R. (2015). *Der Einfluss von Belastung auf Fälschungsverhalten im Fragebogen und im Impliziten Assoziationstest (IAT) [The impact of load on faking behavior in questionnaires and the Implicit Association Test (IAT)]*. Bachelor thesis, Chemnitz University of Technology.
9. Kupke, L. & Mros, S. (2014). *Kann man Fälschung im Impliziten Assoziationstest (IAT) und im Fragebogen verhindern [Is it possible to prevent faking on the Implicit Association Test (IAT) and questionnaires]?* Bachelor thesis, Chemnitz University of Technology.
10. Ewers, T. (2013). *Validität des Diffusions-Analyse-Modells anhand eines Vergleiches von Daten zwischen Fälschern und Nichtfälschern im Impliziten Assoziationstest (IAT) [Validity of the diffusion analysis model using data from fakers and nonfakers in the Implicit Association Test (IAT)]*. Bachelor thesis, Chemnitz University of Technology.

### **Research Internships**

1. Pleitziger, J. (2022). *Gender and biases*. Research Internship, University of Bamberg.
2. Degenhardt, E. L. (2022). *Response distortion*. Research Internship, University of Bamberg.
3. Golz, U. (2022). *Response sets and response styles*. Research Internship, University of Bamberg.

4. Gundelach, A. S. (2020). *Lügen und Selbstdarstellung [Lying and self-presentation]*. Research Internship, University of Bamberg.
5. Heller, A. K. (2020). *Kommunikationspsychologie [Communication psychology]*. Research Internship, University of Bamberg.
6. Lehmann, C. (2020). *Kommunikationspsychologie [Communication psychology]*. Research Internship, University of Bamberg.
7. Malapally, A. (2020). *Klassische Testtheorie und Item-Response-Theorie [Classical test theory and item response theory]*. Research Internship, University of Bamberg.
8. Schneid, M. (2020). *Kommunikationspsychologie [Communication psychology]*. Research Internship, University of Bamberg.
9. Winter, G. (2020). *Soziale Erwünschtheit [Social desirability]*. Research Internship, University of Bamberg.
10. Allramseder, M. (2018). *Datenerhebung, -auswertung und –interpretation am Beispiel von Fälschungsverhalten [Data collection, evaluation, and interpretation using the example of faking behavior]*. Research Internship, Chemnitz University of Technology.
11. Hütten, E. (2018). *Vorgehen zur Analyse von Fälschungsverhalten [Procedures for analyzing faking]*. Research Internship, Chemnitz University of Technology.
12. Doukas, C. (2017). *Die Rolle von Persönlichkeitseigenschaften als Antezedenzen von Fälschungsverhalten [The role of personality as an antecedent to faking]*. Research Internship, Chemnitz University of Technology.
13. Klink, H. (2017). *Der Einfluss von Moral auf Fälschungsverhalten [The impact of morality on faking]*. Research Internship, Chemnitz University of Technology.
14. Käther, N. (2017). *Persönlichkeitseigenschaften und Fälschungsverhalten [Personality and faking]*. Research Internship, Chemnitz University of Technology.
15. Möller, C. V. F. (2017). *Vorgehen zur Analyse von Fälschungsverhalten [Procedures to analyze faking]*. Research Internship, Chemnitz University of Technology.

16. Axt, C. (2016). *Entwicklung und Prüfung von neuen Ansätzen zur Detektion von Fälschung in psychologischer Diagnostik [The development and testing of new approaches for the detection of faking in psychological assessment]*. Research Internship, Chemnitz University of Technology.
17. Beck, F. (2016). *Aktuelle Trends in der Fälschungsforschung [Current trends in faking research]*. Research Internship, Chemnitz University of Technology.
18. Wesolowski, P. (2016). *Die motivationale Seite von Fälschung [The motivational side of faking]*. Research Internship, Chemnitz University of Technology.
19. Wetzels, C. (2016). *Aktuelle Trends in der Fälschungsforschung [Current trends in faking]*. Research Internship, Chemnitz University of Technology.
20. Windschmitt, C. (2016). *Zum Umgang mit Fälschung in psychologischer Diagnostik: Möglichkeiten, Grenzen und Mythen [Dealing with faking in psychological assessment: Possibilities, limits, and myths]*. Research Internship, Chemnitz University of Technology.
21. Ackermann, A. L. (2015). *Fälschen, eine Frage der Persönlichkeit? Zusammenhänge zwischen Persönlichkeitsmerkmalen und Fälschungsverhalten [Faking, a question of personality?]*. Research Internship, Chemnitz University of Technology.
22. Dirk, A. (2015). *(Un-) Verfälschbarkeit diagnostischer Verfahren [Nonfakeability of assessment procedures]*. Research Internship, Chemnitz University of Technology.
23. Mesow, J. (2015). *Konsequenzen von Fälschungsverhalten [Consequences of faking]*. Research Internship, Chemnitz University of Technology.
24. Riedl, R. D. A. (2015). *Prävention und Detektion von Fälschungsverhalten [Prevention and detection of faking]*. Research Internship, Chemnitz University of Technology.
25. Rudat, A.-M. (2015). *(Un-) Verfälschbarkeit diagnostischer Verfahren [Nonfakeability of assessment procedures]*. Research Internship, Chemnitz University of Technology.
26. Bruchmann, J. (2014). *IAT-Ergebnisse unter der Lupe [IAT results under the magnifying glass]*. Research Internship, Chemnitz University of Technology.
27. Nötzold, F. (2014). *IAT-Ergebnisse unter der Lupe [IAT results under the magnifying glass]*. Research Internship, Chemnitz University of Technology.

28. Helbig, J.-P. (2013). *Mehr Schein als Sein? Zielgerichtete Selbstdarstellung und potentiell beeinflussende Faktoren [Appearance or reality? Variables in self-presentation]*. Research Internship, Chemnitz University of Technology.
29. Richsteiger, N. (2013). *Persönlichkeit, Konzentrationsfähigkeit und Intelligenz [Personality, concentration, and intelligence]*. Research Internship, Chemnitz University of Technology.
30. Meska, S. (2011). *Persönlichkeit, Konzentrationsfähigkeit und Intelligenz [Personality, concentration, and intelligence]*. Research Internship, Chemnitz University of Technology.
31. Nötzold, F. (2011). *Persönlichkeit, Konzentrationsfähigkeit und Intelligenz [Personality, concentration, and intelligence]*. Research Internship, Chemnitz University of Technology.

### **High School Internships**

1. Limpert, T. (2022). *Nachlässiges Antwortverhalten und Kommunikationspsychologie [Carelessness and communication]*. School internship, University of Bamberg.

### **Workshops Taught**

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#### **2022**

1. *Netzwerken [Networking]*. Trimberg Research Academy (TRAc), University of Bamberg, Dr. Jessica Röhner, online seminar.

### **Participation in Workshops**

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#### **2022**

2. *Teams bilden und entwickeln [Forming and development of teams]*. Deutscher Hochschulverband (DHV) [German Association of University Professors and Lecturers], Dr. Kristina van Dawen, online workshop.

3. *Zielvereinbarungen in Besoldungsverhandlungen und bei Ausstattungsangeboten [Target agreements in grade negotiations and equipment offers].* Deutscher Hochschulverband (DHV) [German Association of University Professors and Lecturers], Prof. Dr. Hubert Detmer, online workshop.
4. *Update: Urheberrecht & Datenschutz in der Online-Lehre [Update: Copyright & Privacy in Online Teaching].* Prof. Dr. Achim Förster, Virtuelle Hochschule Bayern, online workshop.
5. *How to DFG.* Prof. Barbara Krahe and Prof. Andreas Mojzisch, Event series: Countdown Fachgruppentagung 2023, online workshop.
6. *Durchführung eines Drittmittelprojekts – Abläufe, Fristen, Ansprechpersonen [Third-party funding in research.* Trimberg Research Academy (TRAc), University of Bamberg, Dr. Michael Schleinkofer et al., online seminar.
7. *Beschäftigung von Mitarbeitenden und Personalverantwortung [Leadership]* Hochschulverband (DHV) [German Association of University Professors and Lecturers], Dr. Vanessa Adam and Dr. Ulrike Preißler, online workshop.
8. *Rechte und Pflichten als Mitglied einer Berufungskommission [Being a member of a search committee].* Deutscher Hochschulverband (DHV) [German Association of University Professors and Lecturers], Prof. Dr. Dirk Böhmann and Dr. Juliane Lorenz, online workshop.
9. *Drittmittel erfolgreich einwerben – Fördermöglichkeiten für Nachwuchswissenschaftlerinnen [Successfully acquiring third-party funding].* Trimberg Research Academy (TRAc), University of Bamberg, Dr. Dennis Kirchberg et al., online seminar.
10. *Joint Workshop: Meta-Analysis,* Leibniz Institute for Educational Trajectories (LIfBi), Prof. Dr. Brad J. Bushman, hybrid workshop.

## **2021**

11. *Horizon Europe: Aktuelle Ausschreibungen und Gleichstellungsaspekte [Horizon Europe: Current calls for proposals,* University of Bamberg, online seminar.
12. *Interkulturelle Kompetenz [Intercultural competence],* Trimberg Research Academy (TRAc), University of Bamberg, Kerstin Sommer, online seminar.
13. *Data processing with R tidyverse,* ZPID - Leibniz Institute for Psychology, Aurelien Ginolhac and Roland Krause, online seminar.

14. *Erklärbares Maschinelles Lernen für Ingenieurwissenschaften [Explainable machine learning for engineering]*, KI Campus, Fraunhofer IIS, online seminar.
15. *Führung an der Universität: Erfolgreich mit Studierenden, Mitarbeiter\*innen und Vorgesetzten zusammenarbeiten [Leadership at the university: Working successfully with students, employees, and superiors]*, Trimberg Research Academy (TRAc), Evelyne Keller, University of Bamberg, online seminar.

#### **2020**

16. *Maschinelles Lernen und Data Science: Hands-On mit KNIME [Machine learning and data science: Hands-on with KNIME]*, Bettina Finzel, Johannes Rabold, University of Bamberg, online seminar.
17. *Working in international research teams*, Maria Prahl, Trimberg Research Academy (TRAc), Otto-Friedrich-Universität-Bamberg, online seminar.

#### **2019**

18. *Maximize the impact of your research*, Hogrefe & Kudos, Webinar.

#### **2016**

19. *Audience Response Systeme und deren sinnvoller didaktischer Einsatz im Lehralltag [Audience response systems and their use in everyday teaching]*, Karsta Kühnlein, Chemnitz University of Technology.

#### **2010**

20. *Workshop pairfam (Panel Analysis of Intimate Relationships and Family Dynamics)*: Bernhard Nauck et al., Universität Frankfurt Main.
21. *Einführung in die Mehrebenenanalysen mit HLM [Introduction to multilevel analyses with HLM]*, Maike Luhmann, Chemnitz University of Technology.

#### **2009**

22. *Analyse von Moderatoreffekten in Strukturgleichungsmodellen: Theorie und Praxis in Mplus [analysis of moderator effects in structural equation models: Theory and practice in Mplus]*, Christina Werner, Chemnitz University of Technology.



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Bamberg, den 16.12.2022

Dr. Jessica Röhrer