

Curriculum Vitae

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

Jessica Röchner



Personal Data

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

Address

Official:

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

E-Mail: jessica.roehner@uni-bamberg.de

Homepage: <https://www.uni-bamberg.de/perspsych/team/jessica-roehner/>

Research Interests

- **Alternative approaches to the measurement of psychological characteristics**
 - Reaction-time-based measures
 - Qualitative data analyses
- **Decision making processes**
 - Diffusion model 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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| Habilitation Phase (Since 10/2019) | 7/2020 | Early and positive interim evaluation in the habilitation procedure , University of Bamberg |
| | Since 10/2019 | Post Doc , University of Bamberg |
| Doctoral Studies (10/2009 – 01/2014) | 1/2014 | Completion of the doctoral exam for Dr. rer. nat. (<i>Awarded: summa cum laude</i>), Chemnitz University of Technology |

Studies of Psychology (10/2003 – 09/2009) 9/2009 **Dipl. Psych.** (equivalent to M.Sc., *Average score: 1,2*), Chemnitz University of Technology

Professional Activities

08/2023 – 10/2023 **Project assistant** in the interdisciplinary joint project "Kitas as places for sustainability and mental health (BNE Kitas)", Otto-Friedrich-University Bamberg

05/2023 **Research Affiliate** at the Chair of Personality Psychology and Psychological Diagnostics, Otto-Friedrich-University Bamberg

Since 3/2020 **Consultant at the Competence Center for Applied Personnel Psychology (KAP)**, University of Bamberg

3/2020 **Interim Researcher** at the Chair of Personality Psychology and Psychological Assessment, University of Bamberg

5/2018 – 3/2020 **Period of unavoidable delay due to illness and convalescence (severe disability recognized since 2018, currently limited until 10/2024)**

6/2010 – 10/2018 **Research Affiliate** at the Chair of Personality Psychology and Assessment, Chemnitz University of Technology (**Working groups of Prof. Dr. Astrid Schütz, Dr. Jens Eisermann, PD Dr. Stefan Engeser, and Prof. Dr. Anja Strobel**)

Theses

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, Funding, and Prizes

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| 05-07/2022 | Equal Opportunity Resources , University of Bamberg and Bavarian State Ministry for Science and the Arts (6.940 Euro) |
| 7/2021 | Conference Grant from the Equal Opportunities office for participation in the Association for Psychological Science (APS) international symposium, University of Bamberg |
| Since 4/2020 | Scholarship from the Equal Opportunities Office (96,200 Euro) |
| 4/2020 | "Psychology of Communication" (3rd ed.) selected as the Springer highlight in the 2020 program |
| 9/2015 | Poster Prize , 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 10/2023 | Vice representative for Equality for women in Science and the Arts, Faculty of Human Sciences and Education |
| Since 2/2020 | <i>Member of the task force on diversity</i> in the Personality and Assessment Division of the German Psychological Society (GPS; e.g., contribution to the value statement; https://www.dgps.de/fachgruppen/fgdf/ueber-uns/#c3540) |

Reviewing (Journals, Conferences, Grants)

- Archives of Sexual Behavior
- Behavior Research Methods
- Current Issues in Personality Psychology
- Diagnostica
- Educational and Psychological Measurement
- European Journal of Psychological Assessment
- Experimental Psychology
- Frontiers in Psychology
- Journal of Dynamic Decision Making
- Journal of Experimental Psychology: Learning, Memory, and Cognition
- Journal of Experimental Social Psychology
- Journal of Research in Personality
- Nature Human Behaviour
- Scientific Reports

- Summer School of Personality Science (SSPS)
- DGPs Kongress
- Society for Personality and Social Psychology (SPSP)
- European Congress of Psychology (ECP)
- Work, Stress, and Health Conference

- National Science Centre, Poland

International Research Collaborations

- Prof. Dr. Nathan A. Bowling (The University of Central Florida) concerning careless responding

- Prof. Dr. Thomas P. Carpenter (Seattle Pacific University, Seattle, WA, USA) concerning Implicit Association Tests (IATs)
- Prof. Dr. Ronald R. Holden (Queen's University, Kingston, ON, Kanada) concerning reaction-time-based methods to detect faking
- Prof. Dr. Dragos Iliescu (University of Bucharest, Romania) concerning Implicit Association Tests (IATs)
- Samuel Klein (University of California, Davis, CA, USA) concerning Implicit Association Tests (IATs)
- Dr. Benedek Kurdi (Yale University, New Haven, CT, USA) concerning Implicit Association Tests (IATs)
- 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. Liad Uziel (Bar-Ilan University, Israel) concerning impression management
- Prof. Dr. Iftah Yovel (The Hebrew University of Jerusalem, Israel) concerning faking

Membership in Professional Organizations

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

Membership in Research Organizations

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

Teaching

University of Bamberg

Lectures for Master Students

2023 „Personnel Psychology“ (Flipped Classroom)

Master Seminars for Psychology Students

2023/2024 “Diversity Dimensions in Psychological Assessment”
2023 „Response Distortion in Psychological Assessment“

Bachelor Seminars for Psychology Students

2023/2024 “Careless responding: Theory and Practice”

Chemnitz University of Technology

Lectures for Bachelor and Master Students

2016/2017 **Bachelor Lecture** "Personality Psychology"
2016 Sessions on "Indirect Measures of Data Collection" as well as "Fakeability and Social Desirability" in the **Master Lecture** "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 **Bachelor Lecture** "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

2018 "Test Theory and Practice I, Standardized Procedures".

2017/2018 "Test Theory and Practice I, Standardized Procedures (Group 1)" and Session on "WMT-2 and Item Response Theory" in "Test Theory and Practice I, Standardized Procedures (Group 2)"

2017 "Test Theory and Testing Practice I, Standardized Procedures"

2016 "Test Theory and Practice I, Standardized Procedures"

2015/2016 "Test Theory and Testing Practice I, Standardized Procedures"

2015 "Test Theory and Practice I, Standardized Procedures"

2014/2015 "Test Theory and Testing Practice I, Standardized Procedures"

2014 "Test Theory and Testing Practice I, Standardized Procedures"

Bachelor exercises for psychology students

2013/2014 "Test Theory and Testing Practice"

2013 "Test Theory and Testing Practice"

2012/2013 "Test Theory and Testing Practice"

Soft Skills Seminars

2011/2012 "Presentation and Conversation Skills (Group 1)"

"Presentation and Conversation Skills (Group 2)".

2011 "Conversation Skills"

"Presentation Techniques"

"Presentation and Conversation Skills"

2010 "Conversation Skills"

2009 "Conversation Skills"

Supervised Student Research Projects

Master Theses

University of Bamberg

1. Neudecker, M. (2023). *Qualitative Inhaltsanalyse zu Bearbeitungsstrategien im Need for Cognition-IAT [Qualitative content analysis on strategies in the need for cognition IAT].*
2. Singer, S. M. (2023). *Qualitative Inhaltsanalyse zu Bearbeitungsstrategien im Extraversion-IAT [Qualitative content analysis on strategies in the extraversion IAT].*
3. Degro, G. M. L. (2022). *Deriving a study design to examine the frame of reference effect in faking instructions.*

Chemnitz University of Technology

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]*.
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]*. .

Bachelor Theses

University of Bamberg

1. Pyka, S. A. (2023). *Intersektionelle Schere: Das Zusammenwirken von biologischem Geschlecht und Klasse in Bezug auf die Ausprägung der Merkmale Agency und Communion [Intersectional scissors: The interaction of biological gender and class in relation to the expression of the characteristics agency and communion]*.
2. 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]?*.

Chemnitz University of Technology

3. Singer, M. (2018). *Generalisierbarkeit von Fälschungsstrategien im Impliziten Assoziationstest (IAT) [Generalizability of faking strategies in the Implicit Association Test (IAT)]*.
4. Klink, H. (2018). *Gibt es einen Einfluss der dunklen Triade auf Fälschungsverhalten [Does the dark triad influence faking?]*
5. 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)]*.
6. 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; A replication study].*
7. Riedl, R. D. A. (2016). *Überprüfung der Validität von Detektionsmethoden [Testing the validity of detection approaches].*
 8. 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)].*
 9. 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)].*
 10. 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]?*
 11. 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)].*

Research Internships

University of Bamberg

1. Pleitziger, J. (2022). *Gender and biases.*
2. Degenhardt, E. L. (2022). *Response distortion.*
3. Golz, U. (2022). *Response sets and response styles.*
4. Gundelach, A. S. (2020). *Lügen und Selbstdarstellung [Lying and self-presentation].*
5. Heller, A. K. (2020). *Kommunikationspsychologie [Communication psychology].*
6. Lehmann, C. (2020). *Kommunikationspsychologie [Communication psychology].*
7. Malapally, A. (2020). *Klassische Testtheorie und Item-Response-Theorie [Classical test theory and item response theory].*

8. Schneid, M. (2020). *Kommunikationspsychologie [Communication psychology]*.
9. Winter, G. (2020). *Soziale Erwünschtheit [Social desirability]*.

Chemnitz University of Technology

10. Allramseder, M. (2018). *Datenerhebung, -auswertung und –interpretation am Beispiel von Fälschungsverhalten [Data collection, evaluation, and interpretation using the example of faking behavior]*.
11. Hütten, E. (2018). *Vorgehen zur Analyse von Fälschungsverhalten [Procedures for analyzing faking]*.
12. Doukas, C. (2017). *Die Rolle von Persönlichkeitseigenschaften als Antezedenzen von Fälschungsverhalten [The role of personality as an antecedent to faking]*.
13. Klink, H. (2017). *Der Einfluss von Moral auf Fälschungsverhalten [The impact of morality on faking]*.
14. Käther, N. (2017). *Persönlichkeitseigenschaften und Fälschungsverhalten [Personality and faking]*.
15. Möller, C. V. F. (2017). *Vorgehen zur Analyse von Fälschungsverhalten [Procedures to analyze faking]*.
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]*.
17. Beck, F. (2016). *Aktuelle Trends in der Fälschungsforschung [Current trends in faking research]*.
18. Wesolowski, P. (2016). *Die motivationale Seite von Fälschung [The motivational side of faking]*.
19. Wetzels, C. (2016). *Aktuelle Trends in der Fälschungsforschung [Current trends in faking]*.
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]*.
21. Ackermann, A. L. (2015). *Fälschen, eine Frage der Persönlichkeit? Zusammenhänge zwischen Persönlichkeitsmerkmalen und Fälschungsverhalten [Faking, a question of personality?]*.

22. Dirk, A. (2015). *(Un-) Verfälschbarkeit diagnostischer Verfahren [(Non-) fakeability of assessment procedures]*.
23. Mesow, J. (2015). *Konsequenzen von Fälschungsverhalten [Consequences of faking]*.
24. Riedl, R. D. A. (2015). *Prävention und Detektion von Fälschungsverhalten [Prevention and detection of faking]*.
25. Rudat, A.-M. (2015). *(Un-) Verfälschbarkeit diagnostischer Verfahren Verfahren [(Non-)fakeability of assessment procedures]*.
26. Bruchmann, J. (2014). *IAT-Ergebnisse unter der Lupe [IAT results under the magnifying glass]*.
27. Nötzold, F. (2014). *IAT-Ergebnisse unter der Lupe [IAT results under the magnifying glass]*.
28. Helbig, J.-P. (2013). *Mehr Schein als Sein? Zielgerichtete Selbstdarstellung und potentiell beeinflussende Faktoren [Appearance or reality? Variables in self-presentation]*.
29. Richsteiger, N. (2013). *Persönlichkeit, Konzentrationsfähigkeit und Intelligenz [Personality, concentration, and intelligence]*.
30. Meska, S. (2011). *Persönlichkeit, Konzentrationsfähigkeit und Intelligenz [Personality, concentration, and intelligence]*.
31. Nötzold, F. (2011). *Persönlichkeit, Konzentrationsfähigkeit und Intelligenz [Personality, concentration, and intelligence]*.

High School Internships

University of Bamberg

1. Limpert, T. (2022). *Nachlässiges Antwortverhalten und Kommunikationspsychologie [Carelessness and communication]*.

Workshops Taught

- 2022** *Netzwerken [Networking]*. Trimberg Research Academy (TRAc), University of Bamberg, Dr. Jessica Röhner, online seminar.

Participation in Workshops (Selection)

2022

1. *Forschungsdatenmanagement [Research data management]. Dr. Katarina Blask, Event series: Practices and Tools of Open Science des ZPID (Leibniz-Institut für Psychologie) in cooperation with the Open Science AG of the PsyFaKo (Psychologie-Fachschaften-Konferenz), online workshop.*
2. *Umfragen erstellen mit formR [Create surveys with formR]. Prof. Dr. Kai Horstmann, Event series: Practices and Tools of Open Science of ZPID (Leibniz-Institut für Psychologie) in cooperation with Open Science AG of the PsyFaKo (Psychologie-Fachschaften-Konferenz), online workshop.*
3. *3. Was gehört zu einer guten Umfrage? Umfragen erstellen, gängige Tools und ihr Vergleich [What is a good survey? Creating surveys, common tools and their comparison]. David Grüning & Leonhardt Volz, Event series: Practices and Tools of Open Science des ZPID (Leibniz-Institut für Psychologie) in cooperation with the Open Science AG of the PsyFaKo (Psychologie-Fachschaften-Konferenz), 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 an appointment 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 and Gender equality aspects]*, University of Bamberg, Cooperation event of the Women's Office and the Department of Research Promotion and Transfer together with the Contact Center Women in EU Research, online seminar.
12. *Interkulturelle Kompetenz [Intercultural competence]*, Trimberg Research Academy (TRAc), University of Bamberg, Kerstin Sommer, online seminar.
13. *Erklärbares Maschinelles Lernen für Ingenieurwissenschaften [Explainable machine learning for engineering]*, KI Campus, Fraunhofer IIS, online seminar.
14. *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

15. *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.
16. *Working in international research teams*, Maria Prah, Trimberg Research Academy (TRAc), Otto-Friedrich-Universität-Bamberg, online seminar.

2016

17. *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

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

2009

20. *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.



Bamberg, den 25.09.2023

Dr. Jessica Röhrer