

Curriculum Vitae

Dr. phil. Martin G. Köllner

Postdoc Researcher at the Chair for Experimental Psychology, Motivation, and Affective
Neuroscience

Department of Psychology and Sport Sciences
Friedrich-Alexander University, Erlangen, Germany

Contact Data

Chair for Experimental Psychology, Motivation, and Affective Neuroscience

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Personal Data

Date of birth: 09.06.1984

Place of birth: Roth, Germany

Education

- 2015 Dr. phil. at the Friedrich-Alexander University Erlangen
Thesis: "The influence of implicit motives on implicit instrumental conditioning:
Testing a principle focusing on the power motive"
(Dissertation: *magna cum laude*; Disputation: *summa cum laude*)
- 2010-2015 PhD student at the chair for experimental psychology, motivation, and
affective neuroscience (Friedrich-Alexander University Erlangen, Germany;
Advisor: Prof. Dr. Oliver C. Schultheiss)
- 2010 Diploma (equivalent to M.Sc.)
Thesis: „Korrelation zwischen Maßen impliziter und expliziter Motive – eine
Metaanalyse“
[Correlation of measures of implicit and explicit motives – a meta-analysis].
(*Advisor: Prof. Dr. Oliver C. Schultheiss*)
- 2008-2009 Research internship at the *Human Motivation & Affective Neuroscience Lab*,
Erlangen (Germany) (*Advisor: Dr. Andreas G. Rösch*)
- 2008 Research assistant (function: tutor for two undergraduate seminars) at the
chair for experimental psychology, motivation, and affective neuroscience
Friedrich-Alexander University Erlangen, Germany)
- 2007 Internship at *Erziehungs- und Jugendberatungsstelle im Landkreis Nürnberger
Land* (Germany) (*Advisor: Dipl.-Psych. Gabriele Schippert-Brunner*)
- 2004-2010 Study of psychology at Friedrich-Alexander University Erlangen-Nürnberg
(Germany)
- 1995-2004 Mathematisches und Neusprachliches Gymnasium in Roth (Germany)
graduation: Abitur (A-Levels)
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Work Experience (Selection)

- 2021/11- Freiberufliche Motivationsdiagnostik im HR-Bereich [freelance motivational diagnostics in the HR sector] (Forma 5, Seville, Spain)
- 2021/08- Beratungstätigkeit [*advisory activity*] (zigmund.ai, Heidelberg, Germany)
- 2015/5-2017/4 & 2022/02-2022/05 Stellvertretender Strahlenschutzbeauftragter nach StrlSchV [*radiation protection commissary (according to StrlSchV)*] (Human Motivation & Affective Neuroscience Lab, Erlangen, Germany)
- 2014/4-2017/4 & 2022/02-2022/05 Leiter des Hormonlabors für psychologisch-diagnostische Dienstleistungen (stellvertretend) [*vice director of the hormone lab for psychological-diagnostic services*] (Human Motivation & Affective Neuroscience Lab, Erlangen, Germany)
- 2015/11- Postdoc Researcher at the chair for experimental psychology, motivation, and affective neuroscience (Friedrich-Alexander University Erlangen, Germany)
- 2010/11-2015/11 Research associate at the chair for experimental psychology, motivation, and affective neuroscience (Friedrich-Alexander University Erlangen, Germany)

Honors and Awards

Emerging Talents Initiative Award 2019 at Friedrich-Alexander University, Erlangen (**grant: 6.062€**)

Lehrpreis 2019 der Fachschaftsinitiative Psychologie: 3. Platz in der Kategorie Seminare [Teaching Award 2019 by the Association of Psychology Students (BSc/MSc): 3rd place, category "seminars"] at Friedrich-Alexander University, Erlangen

Berufungsvorträge (Test lectures for professorship)

Köllner, M.G. (2022, May). *Aktuelle psychologische Entwicklungen der Personalauswahl [Current psychological developments in employee selection]*. Invited test lecture for Professur für Psychologie (W2) (W2-Professorship of psychology) at SRH Wilhelm Löhe Hochschule, Fürth, Germany.

Submitted Manuscripts

Köllner, M. G., Braun, S., Schöttner, H., Dlugash, G., Bettac, M., & Steib, S. (under revision). *Relationships of the ulna-to-fibula ratio to baseline and reactive steroid hormone levels*.

Publications in Peer-Reviewed Journals and Edited Books

* indicates student mentee

17. **Köllner, M. G.**, Pülschen, L.-S., Stamm, L.* & Janson, K. T.* (2022). The ulna-to-fibula ratio as a marker of organizational hormone effects on implicit motive development: A high-powered preregistered replication. *Motivation Science*. Advance online publication. <https://doi.org/10.1037/mot0000271> / Preprint available at: PsyArXiv. <https://doi.org/10.31234/osf.io/hskvy>
16. Janson, K. T.*, **Köllner, M. G.**, Khalaidovski, K., Pülschen, L.-S., Rudnaya, A.*, Stamm, L.* & Schultheiss, O. C. (2022). Motive-modulated attentional orienting: Implicit power motive predicts attentional avoidance of signals of interpersonal dominance. *Motivation Science*, 8(1), 56-69. <https://doi.org/10.1037/mot0000254>
15. Schultheiss, O. C., **Köllner, M. G.**, Busch, H., & Hofer, J. (2021). 'Evidence for a robust, estradiol-associated sex difference in narrative-writing fluency': Correction. *Neuropsychology*, 35(8), 904. <https://doi.org/10.1037/neu0000762>
14. Schultheiss, O. C., & **Köllner, M. G.** (2021). Implicit motives. In O. P. John & R. W. Robins (Eds.), *Handbook of personality: Theory and research* (4th ed., pp. 385-410). Guilford Press.
13. Schönbrodt, F. D., Hagemeyer, B., Brandstätter, V., Czikmanti, T., Gröpel, P., Hennecke, M., Israel, L. S. F., Janson, K. T.*, Kemper, N., **Köllner, M. G.**, Kopp, P. M., Mojzisch, A., Müller-Hotop, R., Prüfer, J., Quirin, M., Scheidemann, B., Schiestel,

- L., Schulz-Hardt, S., Sust, L. N. N., Zygar-Hoffmann, C., & Schultheiss, O. C. (2021). Measuring implicit motives with the Picture Story Exercise (PSE): Databases of expert-coded German stories, pictures, and updated picture norms. *Journal of Personality Assessment*, 103(3), 392-405.
<https://doi.org/10.1080/00223891.2020.1726936>
12. Schultheiss, O. C., **Köllner, M. G.**, Busch, H., & Hofer, J. (2021). Evidence for a robust, estradiol-associated sex difference in narrative-writing fluency. *Neuropsychology*, 35(3), 323–333. <https://doi.org/10.1037/neu0000706>
11. **Köllner, M. G.**, & Bleck, K.* (2020). Exploratory evidence of sex-dimorphic associations of the ulna-to-fibula ratio, a potential marker of pubertal sex steroid exposure, with the implicit need for power. *Adaptive Human Behavior and Physiology*, 6, 93-118.
<https://doi.org/10.1007/s40750-020-00130-8>
10. Lenz, B., **Köllner, M. G.**, Mühle, C., Weinland, C., & Kornhuber, J. (2019). Basic human body dimensions relate to alcohol dependence and predict hospital readmission. *Journal of Clinical Medicine*, 8(2076). <https://doi.org/10.3390/jcm8122076>
9. Schmiedl, H.*, & **Köllner, M. G.** (2019). Book Review: The Psychologist's Companion (6th edition). *Frontiers in Psychology*, 10(556). <https://doi.org/10.3389/fpsyg.2019.00556>
8. **Köllner, M. G.**, Janson, K. T.*, & Bleck, K.* (2019). The social biopsychology of implicit motive development. In O. C. Schultheiss & P. H. Mehta (Eds.), *Routledge International Handbook of Social Neuroendocrinology* (pp. 568-585). Abingdon, UK: Routledge.
7. **Köllner, M. G.**, Janson, K. T.*, & Schultheiss, O. C. (2018). Commentary: Sexual dimorphism of facial width-to-height ratio in human skulls and faces: A meta-analytical approach. *Frontiers in Endocrinology*, 9(227).
<https://doi.org/10.3389/fendo.2018.00227>
6. **Köllner, M. G.** (2018). Book review: An introduction to behavioral endocrinology (5th edition). *Frontiers in Human Neuroscience*, 12(161).
<https://doi.org/10.3389/fnhum.2018.00161>
5. Janson, K. T.*, Bleck, K.*, Finkl, J.*, Riegl, L. T.*, Jägel, F.*, & **Köllner, M. G.** (2018). Inhibited power motivation is associated with the facial width-to-height ratio in females. *Adaptive Human Behavior and Physiology*, 4(1), 21-41.
<https://doi.org/10.1007/s40750-017-0075-y>
4. **Köllner, M. G.**, & Janson, K. T.* (2017). The sociobiological development and arousal of implicit motives: The emergence of a growth-and-prune model of motive development and the continued linkage of hormones and motives throughout the life span. *Psychoneuroendocrinology*, 83S, 70. <https://doi.org/10.1016/j.psyneuen.2017.07.426>
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3. Janson, K. T.*, Bleck, K.*, Fenkl, J.*, Riegl, L. T.*, Jägel, F.*, & **Köllner, M. G.** (2017). The implicit power motive and the facial width-to-height ratio as possible marker of organizational hormone effects during puberty. *Psychoneuroendocrinology*, 83S, 69. <https://doi.org/10.1016/j.psyneuen.2017.07.424>
2. **Köllner, M. G.**, & Schultheiss, O. C. (2014). Meta-analytic evidence of low convergence between implicit and explicit measures of the needs for achievement, affiliation, and power. *Frontiers in Psychology*, 5(826). <https://doi.org/10.3389/fpsyg.2014.00826>
1. Schultheiss, O. C., & **Köllner, M. G.** (2014). Implicit motives, affect, and the development of competencies: A virtuous-circle model of motive-driven learning. In R. Pekrun & L. Linnenbrink-Garcia (Eds.), *International handbook of emotions in education* (pp.73-95). New York, NY: Taylor & Francis/Routledge.

Theses

- Köllner, M. G. (2015). *The influence of implicit motives on implicit instrumental conditioning: Testing a principle focusing on the power motive.* (Doctoral dissertation). [\[https://opus4.kobv.de/opus4-fau/frontdoor/index/index/docId/6736\]](https://opus4.kobv.de/opus4-fau/frontdoor/index/index/docId/6736)
- Köllner, M. G. (2010). *Korrelation zwischen Maßen impliziter und expliziter Motive – eine Metaanalyse. [Correlation between implicit and explicit motive measures – A meta-analysis].* (Diploma thesis).

Published Data Sets

- Schönbrodt, F. D., Hagemeyer, B., Brandstätter, V., Czikmanti, T., Gröpel, P., Hennecke, M., Israel, L. S. F., Janson, K.*, Kemper, N., **Köllner, M.**, Kopp, P. M., Mojzisch, A., Müller-Hotop, R., Prüfer, J., Quirin, M., Scheidemann, B., Schiestel, L., Schulz-Hardt, S., Sust, L., Zygar, C., & Schultheiss, O. C. (2020). *Database of Expert-Coded German PSE Stories.* PsychArchives. <https://doi.org/10.23668/PSYCHARCHIVES.2738>

Symposia (Session Chair)

2017, September:

Organizational and activational hormone effects and the development and arousal of implicit motives across the life span. 47th Annual Conference of the International Society of Psychoneuroendocrinology, Zurich (Switzerland).

Workshops (Organized and Chaired)

2017, October:

Workshop Motive Assessment with David Winter. Erlangen (Germany).

Conference Presentations

18. Steib, S., Braun, S., Gegenfurtner, P., Schöttner, H., Bettac, M., Schuster, L., Wanner, P., & Köllner, M.G. (2021, May). *Affektive Reaktionen und motorisches Lernen in einer Wettkampfsituation: Vorläufige Ergebnisse einer experimentellen Studie [Affective reactions and motor learning in a contest situation: Preliminary results of an experimental study]*. Presentation at the 53rd Jahrestagung der Arbeitsgemeinschaft für Sportpsychologie (Annual Conference of the German Society for Sport Psychology), Tübingen, Germany.
17. Köllner, M.G., Braun, S., Gegenfurtner, P., Schöttner, H., Schuster, L. & Steib, S. (2021, March). *Organizational hormone effects and reactions to a dominance contest: An experimental approach.* Presentation at the 63rd TeaP - Tagung experimentell arbeitender Psychologen (Conference of Experimental Psychologists), Ulm, Germany.
16. Heyd, C., Schultheiss, O. C., & Köllner, M. G. (2019, October). *Stärke und Vorbedingungen von Motivanregungseffekten: Eine meta-analytische Bestandsaufnahme [Size and preconditions of motive arousal effects: A meta-analytic summary]*. Poster presented at the 39th Colloquium on Motivational Psychology, Berlin, Germany.
15. Gabduliyanova, A., Riehlein, L., Theil, F., Steib, S., & Köllner, M. G. (2019, October). *Pubertäre organisierende Hormoneffekte: Gibt es einen Zusammenhang zwischen Gesichtsmerkmalen im Profil und dem impliziten Machtmotiv? [Pubertal organizing hormone effects: Is there a relationship between facial profile features and the implicit power motive?]*. Poster presented at the 39th Colloquium on Motivational Psychology, Berlin, Germany.

14. Janson, K. T., Köllner, M. G., Mair, L., Pülschen, L., Rudnaya, A., & Schultheiss, O. C. (2019, October). *Der Anreizwert eines Gesichts: Das implizite Machtmotiv und Aufmerksamkeitsorientierung [The incentive value of a face: The implicit power motive and attentional orienting]*. Presentation at the 39th Colloquium on Motivational Psychology, Berlin, Germany.
13. Köllner, M. G. (2019, October). *Organisierende Hormoneffekte auf das motivationale Gehirn [Organizing hormone effects on the motivational brain]*. Presentation at the 39th Colloquium on Motivational Psychology, Berlin, Germany.
12. Janson, K. T., Bleck, K., Fenkl, J., Riegl, L. T., Jägel, F., & Köllner, M. G. (2017). *The implicit power motive and the facial width-to-height ratio as possible marker of organizational hormone effects during puberty*. Presentation at the 47th Annual Meeting of the International Society of Psychoneuroendocrinology, Zurich (Switzerland).
11. Köllner, M. G., & Janson, K. T. (2017). *The sociobiological development and arousal of implicit motives: The emergence of a growth-and-prune model of motive development and the continued linkage of hormones and motives throughout the life span*. Presentation at the 47th Annual Meeting of the International Society of Psychoneuroendocrinology, Zurich (Switzerland).
10. Köllner, M. G., Rösch, A. G., & Schultheiss, O. C. (2016, October). *Die Implizit-Explizit-Profilkongruenz von Motiven: Ein studienübergreifender Test des Unabhängigkeitspostulats anhand von Bild- und Subkategorienprofilen innerhalb von Individuen [Implicit-explicit profile congruence of motives: A multi-study test of the independence postulate using within-individual picture and subcategory profiles]*. Presentation at the 36th Colloquium on Motivational Psychology, Erlangen (Germany).
9. Bleck, K., Fenkl, J., Jägel, F., & Köllner, M. G. (2016, October). *Zusammenhänge zwischen dem impliziten Machtmotiv, Steroidhormonen und Längen der Ulna und Fibula [Relationships between the implicit power motive, steroid hormones, and length of ulna and fibula]*. Poster presented at the 36th Colloquium on Motivational Psychology, Erlangen (Germany).
8. Janson, K. T., Bleck, K., Fenkl, J., Jägel, F., Riegl, L., & Köllner, M. G. (2016, October). *Das implizite Machtmotiv und Marker organisationaler Hormoneffekte: Zusammenhänge mit 2D:4D und fWHR [The implicit power motive and markers of organizational hormone effects: Associations with 2D:4D and fWHR]*. Presentation at the 36th Colloquium on Motivational Psychology, Erlangen, Germany.
7. Walther, C. S., & Köllner, M. G. (2016). *Kodierung impliziter Motive in audiovisuellem Material – Erstellung von Übungs- und Kalibrierungsmaterial zur Coder-Zertifizierung und Vorstellung des MovieMotiveCoders [Coding implicit motives in audiovisual*

- material – Constructing practice and calibration materials for coder certification and presentation of the MovieMotiveCoder].* Presentation at the 36th Colloquium on Motivational Psychology, Erlangen, Germany.
6. Janson, K. T., Köllner, M. G., & Schultheiss, O. C. (2016, September). *Organizational effects of gonadal steroids on the implicit power motive.* Presentation at the 50th Conference of the German Society for Psychology, Leipzig, Germany.
 5. Köllner, M. G. (2013, July). *Skalierungseffekte von Motiven auf implizites Lernen – Beeinflussen unsere impliziten und expliziten Motive die Lernleistung? [Scaling effects of motives on implicit learning – Do our implicit and explicit motives influence learning performance?].* Poster presented at the 33rd Colloquium on Motivational Psychology, Osnabrück (Germany).
 4. Lorenz, D., Walther, C. S., & Köllner, M. G. (2013, July). *Motivational standoff – Kodierung von impliziten Motiven in Videomaterial anhand von genereller Motivdichte, Motivprofilen und Clips zur Motivanregung in ausgewählten Filmen [Motivational standoff – Coding implicit motives in video material by determining overall motive density, motive profiles, and clips for arousing motives in selected movies].* Presentation at the 33rd Colloquium on Motivational Psychology, Osnabrück (Germany).
 3. Köllner, M. G., & Schultheiss, O. C. (2012, July). *Implicit and explicit motive measures – a meta-analysis of their correlation and potential moderators of the relationship.* Presentation at the 16th European Conference on Personality, Trieste (Italy).
 2. Köllner, M. G., Patalakh, M., & Schultheiss, O. C. (2011, July). *Korrelation von Motivkongruenz und Wohlbefinden - Eine Metaanalyse [Correlation of motive congruence and well-being – A meta-analysis].* Presentation at the 31st Colloquium on Motivational Psychology, Munich (Germany).
 1. Köllner, M. G., & Schultheiss, O. C. (2010, July). *Korrelation impliziter und expliziter Motivmaße – Eine Metaanalyse [Correlation of implicit and explicit motive measures – A meta-analysis].* Presentation at the 30th Colloquium on Motivational Psychology, Mannheim (Germany).

Invited Presentations

16. Braun, S., & Köllner, M. G. (2022; July). *Zusammenhänge pubertärer organisierender Hormoneffekte mit reaktiver Aggression und dem impliziten Machtmotiv im Erwachsenenalter [Relationships between pubertal organizational hormone effects with reactive aggression and the implicit need for power in an adult sample].* Invited

- presentation at the “Kolloquium Motivationspsychologie”, Chair for Experimental Psychology, Motivation, and Affective Neuroscience, Friedrich-Alexander University, Erlangen, Germany.
16. Finger, T., & Köllner, M. G. (2021; May). *Wirken alle Pillen gleich? Ein Vergleich zweier Klassifikationen und ihrer Effekte auf Wortflüssigkeit und das implizite Affiliationsmotiv [Do all pills have the same effect? A comparison of two classifications and their effects on verbal fluency and the implicit need for affiliation]*. Invited presentation at the “Kolloquium Motivationspsychologie”, Chair for Experimental Psychology, Motivation, and Affective Neuroscience, Friedrich-Alexander University, Erlangen, Germany.
 15. Brummer, J., Hummert, S., Katic, A.-M., Merz, N., Niepel, F. L., Sanchez, S. & Köllner, M. G. (2021; January). *Developing a coding system for nonverbal verticality displays*. Invited presentation at the “Kolloquium Motivationspsychologie”, Chair for Experimental Psychology, Motivation, and Affective Neuroscience, Friedrich-Alexander University, Erlangen, Germany.
 14. Braun, S.*, Schöttner, H.*, & Köllner, M. G. (2021; January). *Das implizite Machtmotiv und Lernen unter Wettkampfbedingungen / Organisierende Hormoneffekte und Motivationsentwicklung – Befunde aus einem Kooperationsprojekt mit den Sportwissenschaften [The implicit power motive and learning in a contest situation / Organizational hormone effects and motivational development – Findings from a cooperative project with Sport Scientists]*. Invited presentation at the “Kolloquium Motivationspsychologie”, Chair for Experimental Psychology, Motivation, and Affective Neuroscience, Friedrich-Alexander University, Erlangen, Germany. (* shared first authorship)
 13. Janson, K. T., Köllner, M. G., & Schultheiss, O. C. (2019; November). *Das implizite Machtmotiv und Aufmerksamkeitsorientierung [The implicit power motive and attentional orienting]*. Invited presentation at the “Kolloquium des Departments für Psychologie”, Department of Psychology, Friedrich-Alexander University, Erlangen, Germany.
 12. Köllner, M. G. (2019; November). *Exploring the hypothesis of corresponding imaginative thoughts and actions*. Invited presentation at the “Kolloquium Motivationspsychologie”, Chair for Experimental Psychology, Motivation, and Affective Neuroscience, Friedrich-Alexander University, Erlangen, Germany.
 11. Schneider, N., & Köllner, M. G. (2019; May). *Implizite Motive, organisierende Hormoneffekte und Lateralität [Implicit motives, organizing hormone effects, and laterality]*. Invited presentation at the “Kolloquium Motivationspsychologie”, Chair for

- Experimental Psychology, Motivation, and Affective Neuroscience, Friedrich-Alexander University, Erlangen, Germany.
10. Gabduliyanova, A., Riehlein, L., & Köllner, M. G. (2019; May). *Kooperationsprojekt SK-ALF - Allgemeine Psychologie & Sportwissenschaften [Cooperative project SK-ALF – Experimental Psychology & Sport Science]*. Invited presentation at the “Kolloquium Motivationspsychologie”, Chair for Experimental Psychology, Motivation, and Affective Neuroscience, Friedrich-Alexander University, Erlangen, Germany.
 9. Köllner, M. G. (2019; January). *Organisierende Hormoneffekte auf das motivationale Gehirn [Organizational hormone effects on the motivational brain]*. Invited presentation at the “Kolloquium des Departments für Psychologie”, Department of Psychology, Friedrich-Alexander University, Erlangen, Germany.
 8. Schwarm, A., & Köllner, M. G. (2018; June). *Organisationale Hormoneffekte und Handschrift [Organizational hormone effects and handwriting]*. Invited presentation at the “Kolloquium Motivationspsychologie”, Chair for Experimental Psychology, Motivation, and Affective Neuroscience, Friedrich-Alexander University, Erlangen, Germany.
 7. Köllner, M. G. (2018; January). *Lehrstuhl für Allgemeine Psychologie II (Motivation, Emotion und Lernen) - Forschung/Expertise/Ausstattung [Chair for experimental psychology, motivation, and affective neuroscience – Research/expertise/infrastructure]*. Invited presentation at the “AB-Kolloquium”, Chair of Exercise and Health, Department of Sport Science and Sport, Friedrich-Alexander University, Erlangen, Germany.
 6. Köllner, M. G. (2017; October). *2nd sentence rule versus eXtended coding*. Invited presentation at the “Workshop Motive Assessment with David Winter”, Friedrich-Alexander University, Erlangen, Germany.
 5. Köllner, M. G., & Janson, K. T. (2017; July). *The involvement of sex hormones in implicit motive development and arousal*. Invited presentation at the “Kolloquium Motivationspsychologie”, Chair for Experimental Psychology, Motivation, and Affective Neuroscience, Friedrich-Alexander University, Erlangen, Germany.
 4. Janson, K. T., & Köllner, M. G. (2014; May). *Die PSE als Werkzeugkasten: Analyse von Bildanregungsgehalt, Subkategorienpräsenz und Passung zum PSE-Q als kommensurables explizites Verfahren [The PSE as a tool box: Analyzing picture pull, presence of subcategories and congruence to the PSE-Q as a commensurable explicit measure]*. Invited presentation at the “Kolloquium Motivationspsychologie”, Chair for Experimental Psychology, Motivation, and Affective Neuroscience, Friedrich-Alexander University, Erlangen, Germany.

3. Walther, C. S., Lorenz, D., & Köllner, M. G. (2013; May). *Wie motiviert ist Hollywood? - Motivkodierung, Motivclips und Motivgehalt in ausgewählten Filmen [How motivated is Hollywood? – Coding of motives, clips for arousing motives and motive content in selected films]*. Invited presentation at the “Kolloquium Motivationspsychologie”, Chair for Experimental Psychology, Motivation, and Affective Neuroscience, Friedrich-Alexander University, Erlangen, Germany.
2. Köllner, M. G., & Schultheiss, O. C. (2012; May). *Die Korrelation impliziter und expliziter Motivmaße – Eine Metaanalyse der Gesamtbeziehung, einzelner Motivbereiche, sowie potentieller Moderatoren [The correlation of implicit and explicit motive measures – A meta-analysis of the overall relationship, single motive domains, as well as potential moderators]*. Invited presentation at the “Kolloquium Motivationspsychologie”, Chair for Experimental Psychology, Motivation, and Affective Neuroscience, Friedrich-Alexander University, Erlangen, Germany.
1. Köllner, M. G., & Schultheiss, O. C. (2011; May). *Kongruenz impliziter und expliziter Motivmaße – Eine Metaanalyse [Congruence of implicit and explicit measures of motivation – A meta-analysis]*. Invited presentation at the “Forschungskolloquium: Forschungsmethoden der Organisations- und Motivationspsychologie”, Chair of Psychology, Technical University, Munich, Germany.

Technical Reports

Schultheiss, O. C., & Köllner, M. G. (2016). *Validating RIA against MS: No simple story* (Technical report). Department of Psychology and Sport Sciences, Friedrich-Alexander University, Erlangen, Germany: Unpublished manuscript.

Software

- Köllner, M. G., Schmiedl, H., Waßer, J., & Schmiedl, S. (2017). *Face/Palm Measuring Tool: A stand-alone software for standardized hand and face morphometry [Software and manual]*. Erlangen. Retrieved from <https://github.com/swsch/FacePalm>
- Walther, C. S., Walther, F. T., & Köllner, M. G. (2016). MMC: MovieMotiveCoder – A software for coding implicit motives and various behavioral data from audiovisual material [Software and manual]. Retrieved from http://www.psych2.phil.uni-erlangen.de/~oschult/humanlab/resources/resources_MMC.htm

Methods

Schwarm, A., & Köllner, M. G. (2018). *Anleitung zur Vermessung von Handschriften mit Hilfe von Face/Palm und Berechnung der Parameter mit Hilfe von SYSTAT 13*. Department of Psychology, Friedrich-Alexander University Erlangen-Nürnberg, Erlangen, Germany. <https://doi.org/10.13140/RG.2.2.26321.99680>

Textbook citations in

- Bernhardt, D. G. (2021). *Die Psychologie des Schweinehunds – in 6 Schritten vom guten Vorsatz zur neuen Gewohnheit*. Narr Francke Attempto Verlag.
- Elliot, A. J., Dweck, C. S., & Yeager, D. S. (2017). *Handbook of competence and motivation - Theory and application* (2nd ed.). Guilford Press.
- Heckhausen, J., & Heckhausen, H. (2018). *Motivation and action* (3rd ed.). Springer.
- McKenna, E. (2020). *Business psychology and organizational behaviour*. Taylor & Francis/Routledge.
- Ortner, T., & van de Vijver, F. J. R. (2015). *Behavior-based assessment in psychology - Going beyond self-report in the personality, affective, motivation, and social domains*. Hogrefe Publishing.
- Pekrun, R., & Linnenbrink-Garcia (Eds.), L. (2014). *International handbook of emotions in education*. Taylor & Francis/Routledge.
- Rauthmann, J. F. (Ed.) (2021). *The handbook of personality dynamics and processes*. Elsevier.
- Schmidt-Atzert, L., Krumm, S., & Amelang, M. (2021). *Psychologische Diagnostik*. Springer.
- Schüler, J., Wegner, M., & Plessner, H. (2020). *Sportpsychologie – Grundlagen und Anwendung*. Springer.
- Von Au, C. (2017) *Auswahl und Onboarding von Führungspersönlichkeiten – Diagnose, Assessment und Integration*. Springer.
- Welpel, I. M., Brosi, P., Ritzenhöfer, L., & Schwarzmüller, T. (2015). *Auswahl von Männern und Frauen als Führungskräfte [Selection of men and women as managers]*. Springer Gabler.
- Winter, D. G. (2018). *Roots of war: Wanting power, seeing threat, justifying force*. Oxford University Press.

In the media

Interview “Wahrsagen” (“Fortune Telling”) for funklust – Deine Campusmedien; broadcast in April 2018. Retrieved from <https://www.funklust.de/2018/04/faszination-wahrsagen/>

Introducing David G. Winter for his talk on “Roots of War: Wanting Power, Seeing Threat, Justifying Force” in October 2017. Erlangen. Retrieved from <https://www.fau.tv/clip/id/8402.html>

Interview “Unzufriedenheit” (“Dissatisfaction”) for afk max (German radio station); broadcast in September 2016. Available upon request: martin.koellner@fau.de

Teaching

- 2013 Zertifikat Hochschullehre Bayern [Certificate of Academic Teaching Bavaria]
 2012 Zertifikat Hochschullehre der Friedrich-Alexander-Universität Erlangen-Nürnberg [Certificate of Academic Teaching of Friedrich-Alexander University Erlangen-Nuremberg]

Introduction to experimental psychology (undergraduate lecture course, Bachelor of Science – winter term 2018/19 as a replacement for Prof. Schultheiss on four occasions)

Experimental psychology practicum (undergraduate seminar; Bachelor of Science)

Field research practicum (undergraduate seminar; Bachelor of Science)

Implicit motives (undergraduate seminar; Bachelor of Science)

Advanced seminar in motivation (Master of Science – winter term 2018/19 as a replacement for Prof. Schultheiss on one occasion)

Bachelor’s Theses supervised

Friederike Spielvogel (expected 2022; Friedrich-Alexander University, Erlangen)

Julika Sudermann (expected 2022; Friedrich-Alexander University, Erlangen)

Jared Jahnel (2022; Friedrich-Alexander University, Erlangen)

Lara Himes (2022; Friedrich-Alexander University, Erlangen)

Lea Schuster (2021; Friedrich-Alexander University, Erlangen)

Franziska Christmann (2021; Friedrich-Alexander University, Erlangen)

Marlene Bettac (2021; Friedrich-Alexander University, Erlangen)

Theresa Finger (2021; Friedrich-Alexander University, Erlangen)

Julian Brummer (2021; Friedrich-Alexander University, Erlangen)

Hanna Schöttner (2020; Friedrich-Alexander University, Erlangen)

Sinja Braun (2020; Friedrich-Alexander University, Erlangen)
 Liane Mair (2020; Friedrich-Alexander University, Erlangen)
 Laura Stamm (2020; Friedrich-Alexander University, Erlangen)
 Lola Riehlein (2020; Friedrich-Alexander University, Erlangen)
 Alisa Gabduliyanova (2020; Friedrich-Alexander University, Erlangen)
 Corinna Heyd (2019; Friedrich-Alexander University, Erlangen)
 Lisa-Marie Metschnabl (2019; Friedrich-Alexander University, Erlangen)
 Alexandra Rudnaya (2018; Friedrich-Alexander University, Erlangen)
 Julia Waßer (2018; Friedrich-Alexander University, Erlangen)
 Helena Schmiedl (2018; Friedrich-Alexander University, Erlangen)
 Alexandra Rudnaya (2018; Friedrich-Alexander University, Erlangen)
 Alicia Schmidbauer (2017; Friedrich-Alexander University, Erlangen)
 Maryam Bonakdar (2017; Friedrich-Alexander University, Erlangen)
 Kira Bleck (2016; Friedrich-Alexander University, Erlangen)
 Julia Fenkl (2016; Friedrich-Alexander University, Erlangen)
 Franziska Jägel (2016; Friedrich-Alexander University, Erlangen)
 Lea Riegl (2015; Friedrich-Alexander University, Erlangen)
 Lukas de Wall (2015; Friedrich-Alexander University, Erlangen)
 Tobias Rieger (2015; Friedrich-Alexander University, Erlangen)
 Sinja Hondong (2015; Friedrich-Alexander University, Erlangen)
 Kevin T. Janson (2014; Friedrich-Alexander University, Erlangen)
 Anne Schnabel (2013; Friedrich-Alexander University, Erlangen)
 Franziska Herbig (2013; Friedrich-Alexander University, Erlangen)
 Carola S. Walther (2013; Friedrich-Alexander University, Erlangen)
 Dorothea Lorenz (2013; Friedrich-Alexander University, Erlangen)
 Katharina Hartmann (2013; Friedrich-Alexander University, Erlangen)

Master's Theses supervised

Sinja Braun (expected 2022; Friedrich-Alexander University, Erlangen)
 Nadine Schneider (2019; Friedrich-Alexander University, Erlangen)
 Annika Schwarm (2018; Friedrich-Alexander University, Erlangen)
 Kevin T. Janson (2016; Friedrich-Alexander University, Erlangen)

Reviewer Responsibilities

Article Editor:

SAGE Open

Grant Reviewer:

Research Foundation Flanders (Fonds Wetenschappelijk Onderzoek - Vlaanderen, FWO)

Ad hoc Reviewer:

Biological Reviews

Frontiers in Behavioral Neuroscience

Frontiers in Psychology

Group Processes & Intergroup Relations

Journal of Personality

Journal of Personality Assessment

Motivation and Emotion

Motivation Science

Perspectives on Psychological Science

Psychology in Russia: State of the Art

Psychoneuroendocrinology

Other Activities/Positions

2017/4-	Departmental Erasmus+-coordinator, Institute of Psychology, Friedrich-Alexander University Erlangen, Germany
2015/12-2017/3	PC-Lab-Administrator at the chair for experimental psychology, motivation, and affective neuroscience (Friedrich-Alexander University Erlangen, Germany)
2014/10-2017/3	Modulverantwortlicher für Versuchspersonenstunden (see below)
2012/04-2013/09	Modulverantwortlicher für Versuchspersonenstunden [<i>person responsible for administering course credit for participation in research</i>], Institute of Psychology, Friedrich-Alexander University Erlangen, Germany

Special Skills

Advanced research skills in PsycINFO

Advanced statistical skills [SPSS, Systat]

Certified coder for implicit achievement, affiliation, and power motivation [According to Winter, 1994]

Advanced programming skills for computer-based psychological experiments [Inquisit 3.0/4.0]

Meta-analysis

Fachkunde im Strahlenschutz, Fachkundegruppen S2.2, S4.1, S5, S6.1 der Fachkunde-Richtlinie Technik nach Strahlenschutzverordnung [technical qualification in the field of radiation protection]

Practical experience in salivary steroid hormone analysis [Radioimmunoassays]

Other Qualifications

2011 Erlaubnis zur Ausübung der Heilkunde ohne Bestallung, beschränkt auf das Gebiet der heilkundlichen Psychotherapie (Erlaubnis nach dem Heilpraktikergesetz, HeilprG) [concession for psychotherapy (HeilprG)]

Professional Memberships

Association for Psychological Science

Berufsverband Deutscher Psychologinnen und Psychologen

Deutsche Gesellschaft für Psychologie

Society for the Science of Motivation

Scientific web sites

At Friedrich-Alexander University,

<http://www.psych2.phil.uni-erlangen.de/team/koellner.shtml>

At the Human Motivation and Affective Neuroscience Lab,

<http://www.psych2.phil.uni-erlangen.de/%7Eoschult/humanlab/team.htm>

As a grantee of Emerging Talents Initiative,

<https://www.fau.eu/research/research-institutions/emerging-talents-initiative/grantees>

Google Scholar,

<https://scholar.google.de/citations?user=MEn62RgAAAAJ&hl=en>

Loop,

<http://loop.frontiersin.org/people/152633/overview>

ORCID,

<http://orcid.org/0000-0002-5102-805X>

ResearchGate,

https://www.researchgate.net/profile/Martin_Koellner

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