

DR. CHRISTINE ANDERL

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WORK EXPERIENCE

Leibniz-Institut für Wissensmedien, Junior Group Social Media POSTDOCTORAL RESEARCHER	<i>Tübingen, Germany</i> Since 10/2020
University of British Columbia, Social Health Lab *POSTDOCTORAL RESEARCHER [<i>*maternity leave: 11/2018–03/2019</i>]	<i>Vancouver, Canada</i> 04/2017–06/2020
FernUniversität in Hagen, Decision Lab POSTDOCTORAL LECTURER AND RESEARCHER	<i>Hagen, Germany</i> 04/2016–03/2017
Goethe University Frankfurt, Department of Psychology LECTURER AND RESEARCHER	<i>Frankfurt, Germany</i> 10/2011–12/2015
energy factory St. Gallen JUNIOR CONSULTANT	<i>St. Gallen, Switzerland</i> 01/2011–06/2011

EDUCATION

Goethe University Frankfurt Dr. rer. nat. in Psychology (<i>summa cum laude</i>): 'Biological variation and sociality – Probing steroid hormone effects on social functioning using indirect markers' (Advisor: Prof. Dr. Sabine Windmann)	<i>Frankfurt, Germany</i> 11/2011–10/2015
University of Munich M.Sc. in Neuro-Cognitive Psychology B.Sc. in Neuro-Cognitive Psychology 'Vordiplom' in Psychology	<i>Munich, Germany</i> 10/2005–09/2010
University of Montreal Exchange student of Psychology	<i>Montreal, Canada</i> 09/2007–05/2008

SELECTED GRANTS, FELLOWSHIPS AND AWARDS

- Canadian Institutes of Health Research (CIHR) Project Grant, \$535,500 CAD: *Bipolar Bridges: A Digital Health Innovation Targeting Quality of Life in Bipolar Disorder*, Co-Applicant (PIs: Erin E. Michalak; Steven Barnes), 2019–2021
- CIHR Project Grant - Priority Announcement: Data science, management and stewardship, \$100,000 CAD: *Bipolar Bridges: A Digital Health Innovation Targeting Quality of Life in Bipolar Disorder*, Co-Applicant (PIs: Erin E. Michalak; Steven Barnes), 2019–2020
- CIHR Project Grant, \$466,650 CAD: *Assessing the Role of Adolescent Hormonal Contraceptive Use on Risk for Depression* (#1 of 63 ranking in the committee), Co-Applicant (PI: Frances S. Chen), 2018–2024
- SPSP Small Research Grant, \$1,500 USD: *Measuring Everyday Social Media Use—Validating a Smartphone Sensing Application for Psychological Research*, PI, 2018
- Feodor Lynen Research Fellowship for Postdoctoral Researchers, Alexander von Humboldt-Foundation: *Social Motivation, Cognition, and Behavior across the Female Menstrual cycle—A 'Natural Experiment' to Study Social Endocrinology in Humans*, 2017–2020

Winner (Phase 1 + 2) of the Healthy Behaviour Data Challenge (partnered by Public Health Agency of Canada (PHAC), Canadian Institutes of Health Research (CIHR) and MaRS Discovery District (MaRS)), \$35,000 CAD: *Estimating Sleep Quality from Natural Phone Use*, Co-PI with Marlise Hofer, 2017-2018

UBC Faculty of Arts Research Grant, \$4,000 CAD: *Social Network Usage Styles and Well-Being*, Co-Investigator (PI: Frances S. Chen), 2017–2018

Research Starting Grant, German Society for Online Research (DGOF), €500: *Social Media Use across the Female Menstrual Cycle*, 2016

PEER-REVIEWED JOURNAL ARTICLES

***Anderl, C.,** Li, G., & Chen, F. S. (2020). Oral contraceptive use in adolescence predicts lasting vulnerability to depression in adulthood. *Journal of Child Psychology and Psychiatry*, *61*(2), 148–156.

Anderl, C., Steil, R., Hahn, T., Hitzeroth, P., Reif, A., & Windmann, S. (2018). Reduced reciprocal giving in social anxiety—evidence from the Trust Game. *Journal of Behavior Therapy and Experimental Psychiatry*, *59*, 12–18.

Hahn, T., Winter, N.R., **Anderl, C.,** Notebaert, K., Wuttke, A.M., Clément, C.C., & Windmann, S. (2017). Facial width-to-height ratio differs by social rank across organizations, countries, and value systems. *PLOS ONE*, *12*(11), e0187957.

***Anderl, C.,** Hahn, T., Schmidt, A.K., Moldenhauer, H., Notebaert, K., Clément, C.C., & Windmann, S. (2016). Facial width-to-height ratio predicts psychopathic traits in males. *Personality and Individual Differences*, *88*, 99–101.

***Anderl, C.,** Hahn, T., Notebaert, K., Klotz, C., Rutter, B., & Windmann, S. (2015). Cooperative preferences fluctuate across the menstrual cycle. *Judgment and Decision Making*, *10*(5), 400–406.

Hahn, T., Notebaert, K., **Anderl, C.,** Reicherts, P., Wieser, M., Kopf, J., Reif, A., Fehl, K., Semmann, D., & Windmann, S. (2015). Reliance on functional resting-state network for stable task control predicts behavioral tendency for cooperation. *NeuroImage*, *118*, 231–236.

Hahn, T., Notebaert, K., **Anderl, C.,** Teckentrup, V., Kaßecker, A., & Windmann, S. (2015). How to trust a perfect stranger: Predicting initial trust behavior from resting-state brain electrical connectivity. *Social Cognitive and Affective Neuroscience*, *10*(6), 809–813.

Wykowska, A., **Anderl, C.,** Schubö, A., & Hommel, B. (2013). Motivation modulates visual attention: evidence from pupillometry. *Frontiers in Psychology*, *4*.

[featured in numerous media outlets including Huffington Post, Daily Mail, The Sun, and CBC]*

SELECTED WORK IN PROGRESS

Anderl, C., Dorrrough, A.R., Rohrbeck, M. & Glöckner, A. (invited revision). The effects of social anxiety on affective reactions to zero, moderate, and high money transfers in the dictator game.

Anderl, C., Hofer, M.K., Vincent, C.J.L., & Chen, F.S. (submitted). Actual smartphone screen time predicts wellbeing and social connectedness.

***Anderl, C.,** *de Wit, A.E., Giltay, E.J., Oldehinkel, A.J., Chen, F.S. (submitted). Adolescent oral contraceptive use and future major depressive disorder. *[* shared first authorship]*

BOOK CHAPTERS & ARTICLES WITHOUT PEER REVIEW

Anderl, C. & Chen, F. S. (2019). Taking the pill as a teenager may have long-lasting effect on depression risk. *The Conversation*. <https://theconversation.com/taking-the-pill-as-a-teenager-may-have-long-lasting-effect-on-depression-risk-121786>

Anderl, C., Saphire-Bernstein, S., Chen, F. S. (2019). The endocrinology of social relationships and affiliation. In L. M. L. Welling & T. K. Shackelford (Eds.), *The Oxford handbook of evolutionary psychology and behavioral endocrinology*. Oxford University Press, Inc.

SELECTED CONFERENCE TALKS, SYMPOSIA, & POSTERS [SYMPOSIUM CHAIR OR PRESENTER ROLE]

Using real-world data to advance psychological research. Symposium presented at the *SPSP Annual Convention*, Portland, US, February 2019 [symposium co-chair with Marlise Hofer].

Reduced positive reciprocity in social anxiety: Evidence from the Trust Game. Poster presented at the *SPSP Annual Convention*, Atlanta, US, March 2018 [presenter role].

Objectively measuring everyday phone use—a new smartphone application for psychological research. Poster presented at the *Psychology of Media and Technology Preconference at the SPSP Annual Convention*, Atlanta, US, March 2018 [presenter role].

Social functioning and emotional wellbeing—sex hormones and neuropeptides as contributors to intra- and interindividual variation. Symposium presented at the *ISPNE Annual Conference*, Zurich, Switzerland, September 2017 [symposium co-chair with Frances S. Chen].

Hormonal contraceptive use and risk for mood and anxiety disorders—Evidence from two large epidemiological datasets. Talk given at the *ISPNE Annual Conference*, Zurich, Switzerland, September 2017 [presenter role].

Molecules of change: Investigating endocrine influences on brain and behavior. Symposium presented at *Psychologie und Gehirn*, Frankfurt, Germany, June 2015 [symposium chair].

Prosociality fluctuates across the female menstrual cycle. Talk given at *Psychologie und Gehirn*, Frankfurt, Germany, June 2015 [presenter role].

Female cooperation preferences vary across the menstrual cycle. Poster presented at the *ISPNE Annual Conference*, Montreal, Canada, August 2014 [presenter role].

Morphological markers of early life testosterone exposure predict psychopathic traits in males. Poster presented at the *APS Annual Meeting*, San Francisco, US, May 2014 [presenter role].

SELECTED INVITED TALKS & TALKS FOR BROADER AUDIENCES

Einsatz von Smartphones in der psychologischen Forschung. Talk presented at the *Leopold-Franzens Universität Innsbruck*, Innsbruck, Austria, November 2019.

How does technology affect teenagers' social lives? Talk presented at the *Sentinel Secondary School*, West Vancouver, Canada, May 2019.

Google weiß, was du letzten Sommer getan hast (oder warum es an der Zeit ist, dass wir PsychologInnen uns stärker mit Smartphones auseinandersetzen). Psycho Slam presented at the *Kongress der Deutschen Gesellschaft für Psychologie*, Frankfurt, Germany, September 2018.

Oral contraceptive use in adolescence and risk for depression across the lifetime—evidence from a large epidemiological dataset. Talk presented at the *UBC Developmental Area Meeting*, University of British Columbia, Vancouver, Canada, November 2017.

It's the hormones talking... Talk presented at the *UBC Postdoctoral Association 3-Minute Postdoc Slam*, University of British Columbia, Vancouver, Canada, June 2017.

Tinder use across the menstrual cycle—a smartphone sensing study. Data Blitz presented at the *Open UBC Happy Lab Meeting on Technology and Well-being*, University of British Columbia, Vancouver, Canada, April 2017.

Fluctuations of social preferences and interpersonal behavior across the female menstrual cycle. Talk presented at the *UBC Health Psychology Speaker Series*, University of British Columbia, Vancouver, Canada, July 2016.

Soziale Moleküle—Das sind die Hormone, Schatz!?! Talk presented at the *18th Mainzer Science Slam*, Mainz, Germany, February 2016.

PROFESSIONAL ACTIVITIES AND DEPARTMENTAL SERVICE

Reviewer: International Journal of Psychology, Journal of Behavior Therapy & Experimental Psychiatry, PLOS ONE, Social Psychological & Personality Science, Psychoneuroendocrinology

Referee (ad hoc): SPSP Diversity Graduate Travel Award, 2018

Referee (ad hoc): Max Weber Program (Bavarian organization for the promotion of young talent), 2013–2015

TEACHING QUALIFICATIONS AND EXPERIENCE

Certificate for Teaching in Higher Education, 21 ECVET, Goethe University Frankfurt, 2014

Student Supervision

Supervisor/co-supervisor for two honors students, five directed studies students, twelve research assistants, and three student workers in the Department of Psychology, University of British Columbia, Canada (2017–2019)

Supervisor for three Bachelor theses in the Department of Psychology, FernUniversität in Hagen, Germany (2016–2017)

Supervisor/co-supervisor for five Master theses, thirteen Bachelor theses, six Research Interns, and four Student Workers in the Department of Psychology, Goethe University Frankfurt, Germany (2011–2015)

List of Instructed Courses

Empirical Laboratory in Psychology, FernUniversität in Hagen, Germany (Instructor—5 parallel courses each: Summer 2016, Winter 2016/17)

Empirical Laboratory in Psychology, Goethe University Frankfurt, Germany (Instructor: Summer 2012, Summer 2013, Summer 2014)

Introduction to Cognitive Psychology I, Goethe University Frankfurt, Germany (Instructor—3 parallel courses each: Summer 2012, Summer 2013, Summer 2014; Co-Instructor with Prof. Dr. Melissa Vö—5 parallel courses: Summer 2015)

The Social Brain, Goethe University Frankfurt, Germany (Instructor: Winter 2012/13, Winter 2013/14)

World of Illusions, Goethe University Frankfurt, Germany (Instructor: Winter 2011/12)