

## Frederic René Hopp

Prepared 04/01/2019

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### EDUCATION

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The University of California, Santa Barbara PhD in Communication (Expected June, 2021) Advisor: Rene Weber, PhD, MD	Santa Barbara, USA Fall '18 – Spring '21
The University of California, Santa Barbara Master of Arts in Communication Advisors: Rene Weber, PhD, MD, Daniel Linz, PhD, Scott Reid, PhD	Santa Barbara, USA Fall '16 – Fall '18
The University of Mannheim Bachelor of Arts in Media and Communication Studies Advisor: Peter Vorderer, PhD	Mannheim, Germany Fall '12 – Spring '16

### RESEARCH AFFILIATION

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The University of California, Santa Barbara Graduate Student Researcher Media Neuroscience Lab Principal Investigator: René Weber, PhD, MD	09/2016 – Present
The University of California, Santa Barbara Graduate Student Researcher Institute for Collaborative Biotechnologies Research Project: Moral Foundations of Movies: Examining the Virtuous Content and Financial Performance of Popular Films	04/2017 – Present
The University of California, Santa Barbara Associate Researcher NSF IGERT Network Science Program	09/2016 – Present

The University of Mannheim

02/2015 – 08/2016

Research Assistant

Research Project: Permanently Online, Permanently Connected

Principal Investigator: Peter Vorderer, PhD

The University of Mannheim

2013 – 2016

Research Assistant

Research Project: Political Talkshows for Entertainment

Funded by the German Research Foundation (DFG)

Principal Investigator: Peter Vorderer, PhD

The University of California, Santa Barbara

01/2015 – 03/2015

Research Assistant

Orfalea Center for Global & International Studies Research Project:

Orfalea Center Framing Terrorism Project

Principal Investigator: Michael Stohl, PhD

## PUBLICATIONS

(<https://scholar.google.com/citations?user=JHcPqTAAAAAJ&hl=de>)

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8. **Hopp, F.R.**, Schaffer, J., Fisher, T., Cornell, D., & Weber, R. (under review). *iCoRe: The GDELT interface for the advancement of communication research*.
7. Weber, R., Mangus, J., M., Huskey, R., **Hopp, F.R.**, Amir, O., Swanson, R., Gordon, A., Khooshabeh, P., Hahn, L., Tamborini, R. (2018). Extracting latent moral information from text narratives: Relevance, challenges, and solutions. *Communication Methods and Measures*.
6. Weber, R., Fisher, J.T., **Hopp, F.R.**, Lonergan, C. (2017). Taking messages into the magnet: method-theory synergy in media neuroscience research. *Communication Monographs*, 84, 1–22.
5. Weinmann, C., Roth, F. S., Schneider, F. S., Krämer, T., **Hopp, F.R.**, & Vorderer, P. (2017). I don't care about politics, I just like that guy! Affective disposition and political attributes in information processing of political talk shows. *International Journal of Communication*, 11, 3118–3140.
4. Schneider, F. M., Zwillich, B., Bindl, M., **Hopp, F.R.**, Vorderer, P., Reich, S. (2017). Social media ostracism: The effects of being excluded online. *Computers in Human Behavior*, 73, 385–393.

3. Roth, F. S., Weinmann, C., Schneider, F. S., **Hopp, F.R.**, Bindl, M. J., & Vorderer, P. (2017). Curving entertainment: The curvilinear relationship between hedonic and eudaimonic experiences while watching a political talk show and its implications for information processing. *Psychology of Popular Media Culture*, 6, 1-19.
2. **Hopp, F.R.** (2016). Does your self-determination fear to miss out? The impact of fear of missing out on perceived online need satisfaction and self-determined internet use. *Transfer*, 20(3).
1. Roth, F., Weinmann, C., Schneider, F., **Hopp, F.R.**, & Vorderer, P. (2014). Seriously entertained: Antecedents and consequences of hedonic and eudaimonic entertainment experiences with political talk shows on TV. *Mass Communication and Society*, 17(3), 379-399.

## IN PROGRESS

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- Hopp, F.R.**, Cornell, D., Fisher, J., Huskey, R., & Weber, R. (in progress). *The extended moral foundations dictionary (E-MFD): Development and applications of a crowd-sourced moral foundations dictionary*
- Hopp, F.R.**, Fisher, J., & Weber, R. (in progress). *The dynamic relationship between news frames and real-world events: A hidden Markov model approach*

## BOOK CHAPTER

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2. **Hopp, F.R.**, & Weber, R. (in press) The state-of-the-art and future of fMRI methodology in communication research. In *Communication Science and Biology*, Eds: Weber, R. & Floyd, K. Routledge
1. Roth, F., Weinmann, C., Schneider, F., **Hopp, F.R.**, & Vorderer, P. (2016). Seriously entertained: Antecedents and consequences of hedonic and eudaimonic entertainment experiences with political talk shows on TV. In *Entertainment Media and Politics* (pp. 85-105). Routledge.

## CONFERENCE PRESENTATIONS

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29. Fisher, J., **Hopp, F.R.**, & Weber, R. (2019) *Modality-specific effects of perceptual load in multimedia processing*. Paper submitted to the 105th Annual Convention of the National Communication Association, Baltimore, Maryland, USA

28. Fisher, J., **Hopp, F.R.**, Prabhu, S., Tamborini, R., & Weber, R. (2019) *Developing best practices for the implicit measurement of moral foundation salience*. Paper submitted to the 105th Annual Convention of the National Communication Association, Baltimore, Maryland, USA
27. **Hopp, F.R.**, Fisher, J. T., & Weber, R. (2019, February). *The moral narrative analyzer (MoNA): An integrated, spatio-temporal platform for monitoring, predicting, and countering global sociopolitical instability*. Paper presented at the Workshop on Naval Applications of Machine Learning (NAML), San Diego, CA.
26. **Hopp, F.R.**, Lonergan, C., Fisher, J., & Weber, R. (2019). *The joy of mediated punishments: Moral transgression in auditory narratives elicit cortical synchronization in listeners*. Paper submitted to the annual meeting of the Social and Affective Neuroscience Society (SANS), Miami, USA
25. Fisher, J., **Hopp, F.R.**, Lonergan, C., & Weber, R. (2019). *Brain network topology and dynamics in ADHD individuals during video game play* Paper submitted to the annual meeting of the Social and Affective Neuroscience Society (SANS), Miami, USA
24. Lukito, J., TeBlunthuis, N., & **Hopp, F.R.** (2019). *Expanding computational communication: Towards a pipeline for graduate students and early career scholars*. Pre-conference proposal submitted to the Computational Communication Research Interest Group of the International Communication Association (ICA), Washington, DC.
23. Fisher, J.T., Lonergan, C., **Hopp, F.R.**, Grall, C., Pandey, P., Scholz, C., Najera, C.J., & Wilcox, S. (2019). *Best practices in training and mentoring research assistants and new graduate students*. Workshop submitted to the annual meeting of the International Communication Association (ICA), Washington, DC.
22. **Hopp, F.R.**, Barel, A., Fisher, J., Cornell, D., Lonergan, C., & Weber, R. (2019). *"I believe that morality is gone": A large-scale inventory of moral foundations in lyrics of popular songs*. Paper submitted to the annual meeting of the International Communication Association (ICA), Washington DC, USA.
21. **Hopp, F.R.**, Fisher, J., Prabhu, S., Cornell, D., Tamborini, R., & Weber, R. (2019). *Revisiting the moral foundations-affect misattribution procedure (MF-AMP): An extended, open-source tool for measuring the accessibility of moral intuitions*. Paper submitted to the annual meeting of the International Communication Association (ICA), Washington DC, USA.
20. **Hopp, F.R.**, Fisher, J., & Weber, R. (2019). *The dynamic relationship between news frames and real-world events: A hidden markov model approach*. Paper submitted to the annual meeting of the International Communication Association (ICA), Washington DC, USA.
19. **Hopp, F.R.**, Cornell, D., Fisher, J., Huskey, R., & Weber, R. (2018, November). *The Moral Foundations Dictionary for News (MFD-N): A Crowd-Sourced Moral Foundations*

*Dictionary for the Automated Analysis of News Corpora*. 104th Annual Convention of the National Communication Association, Salt Lake City, UT, USA.

18. Fisher, J.T., **Hopp, F.R.**, Lonergan, C., & Weber, R. (2019). *Brain network topology and network dynamics in ADHD individuals during video game play*. Extended abstract submitted to the annual meeting of the International Communication Association (ICA), Washington, DC.
17. Fisher, J.T., **Hopp, F.R.**, Lonergan, C., & Weber, R. (2019). *All load is not equal: Disentangling the roles of reward and process type on resource allocation in an interactive task*. Paper submitted to the annual meeting of the International Communication Association (ICA), Washington, DC.
16. **Hopp, F.R.**, Fisher, J. T., Mangus, J. M., Huskey, R., Swanson, R., Gordon, A., Khooshabeh, P., & Weber, R. (2018). *Mining the Global Database of Events, Language, and Tone: An Introduction for Communication Researchers*. Paper submitted to the annual meeting of the International Communication Association (ICA), Prague, CZ.
15. **Hopp, F.R.**, Fisher, J. T., Mangus, J. M., Weber, R. (2018). *Combining Computational Content Analysis with Self-Report Data to Predict News Article Sharing*. Paper submitted to the annual meeting of the International Communication Association (ICA), Prague, CZ.
14. **Hopp, F.R.**, Mangus, J. M., Swanson, R., Gordon, A., Khooshabeh, P., Weber (2018). *Developing and validating the moral foundations dictionary for news narratives: A crowd-sourced approach*. Paper submitted to the annual meeting of the International Communication Association (ICA), Prague, CZ.
13. Weber, R., **Hopp, F.R.**, Mangus, J. M., Choueiti, M., Pieper, K., Smith, S. (2018). *The moral narrative analyzer for movies: A hybrid content analytical platform for extracting moral content from movie scripts*. Paper submitted to the annual meeting of the International Communication Association (ICA), Prague, CZ.
12. Fisher, J. **Hopp, F.R.**, & Weber, R. (2018). *"Look harder!" ADHD, media multitasking, and the effects of cognitive and perceptual load on resource availability and processing performance*. Paper submitted to the annual meeting of the International Communication Association (ICA), Prague, CZ.
11. Fisher, J., Cornell, D., **Hopp, F.R.**, Weber, R. (2018). *But how are they talked about?: A novel measure of entity framing in online news*. Paper submitted to the annual meeting of the International Communication Association (ICA), Prague, CZ.
10. Schneider, F. M., Rieger, D., **Hopp, F.R.**, Rothmond, T. (2018). *First aid in the pocket—the psychosocial benefits of smartphones in self-threatening situations*. Paper submitted to the annual meeting of the International Communication Association (ICA), Prague, CZ.

9. **Hopp, F.R.**, Fisher, J. T., Mangus, J. M., Huskey, R., Swanson, R., Gordon, A., Khooshabeh, P., & Weber, R. (2017). *Examining online news reporting using the global database of events, language, and tone: Challenges, opportunities, and future directions*. 103rd Annual Convention of the National Communication Association, Dallas, TX, USA.
8. Schneider, F. M., Rieger, D., **Hopp, F.R.**, Rothmund, T. (2017). *First aid in the pocket—The psychosocial benefits of smartphones in self-threatening situations*. 10th Conference of the Media Psychology Division (German Psychological Society, DGPs) Landau.
7. Reich, S., Reinecke, L., Hefner, D., Winkler, J., **Hopp, F.R.**, Knop-Huelss, K., Chan, M., Owen, B., & Vorderer, P. (2017). *Self-construal cultural values and everyday life with a smartphone – Intercultural differences in being permanently online and connected*. 67th Annual Conference of the International Communication Association (ICA), San-Diego, CA, USA.
6. Roth, F. S., Weinmann, C., Schneider, F. S., **Hopp, F.R.**, Bindl, M. J., & Vorderer, P. (2016). *Curving entertainment: The curvilinear relationship between hedonic and eudaimonic entertainment experiences while watching a political talk show and its implications for information processing*. Annual Conference of the Fachgruppe Rezeptions- und Wirkungsforschung (Deutsche Gesellschaft für Publizistik und Kommunikationswissenschaft, DGPuK), Amsterdam.
5. Schneider, F.S., Zwillich, B., Bindl, M., **Hopp, F.R.**, & Vorderer, P. (2015). *Being excluded in the online world: Investigating the detrimental effects of cyberostracism with the ostracism online paradigm*. 9th Conference of the Media Psychology Division (German Psychological Society, DGPs) Tübingen.
4. Weinmann, C., Roth, F. S., Schneider, F. S., Krämer, T., **Hopp, F.R.**, & Vorderer, P. (2015). *I don't care about politics, I just like that guy! Affective disposition and political attributes in information processing of political talk shows*. Annual Conference of the Fachgruppe Rezeptions- und Wirkungsforschung (Deutsche Gesellschaft für Publizistik und Kommunikationswissenschaft, DGPuK), Bamberg.
3. Roth, F. S., Weinmann, C., Schneider, F. M., Krämer, T., **Hopp, F.R.**, & Vorderer, P. (May, 2014). *Political talk shows as instances for political agency*. 60th Annual Conference of the German Association for Communication (Deutsche Gesellschaft für Publizistik und Kommunikationswissenschaft, DGPuK), Darmstadt.
2. Roth, F. S., Weinmann, C., Schneider, F. M., **Hopp, F.R.**, & Vorderer, P. (May, 2014). *Seriously entertained: Antecedents and consequences of hedonic and eudaimonic entertainment experiences with political talk shows*. 64th Annual Conference of the International Communication Association (ICA), Seattle, WA, USA.
1. Vorderer, P., Roth, F. S., Weinmann, C., & **Hopp, F.R.** (2013, September). *Connecting media*

*psychology and political communication: An exploratory telephone survey about how and why people use political talk shows.* 8th Conference of the Media Psychology Division (German Psychological Society, DGPs), Würzburg.

## TEACHING

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The University of California, Santa Barbara

*Teaching Assistant*

Introduction to Communication

Fall '16

Statistical Analysis of Communication

Winter '17, '19

(Assisted with Lecturing)

Research Methods

Fall '17, Winter '18

Theories of Communication

Spring '18, Summer '18

UC-wide online course "Computational Social Science"

Fall '17

(CMN 150V, UC Davis)

*Contributing lecturer*

Collaborative online course sponsored by the UC Office  
of the President's Innovative Learning Technology Initiative

The University of Mannheim

*Teaching assistant*

Introduction to Media- and Communication Studies

Fall '13

Theories of Media- and Communication Studies

Spring '14

Scientific Working Routines

Fall '16

## AWARDS AND HONORS

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**Top Five Paper Award**

2019

International Communication Association, Computational Methods Interest Group

**Hopp, F.R.**, Fisher, J., & Weber, R. (2019). *The dynamic relationship between news frames and real-world events: A hidden markov model approach.*

**Top Three Paper Award**

2018

National Communication Association – **Mass Communication Division**

**Hopp, F.R.**, Cornell, D., Fisher, J., Huskey, R., & Weber, R. (2018, November). *The Moral Foundations Dictionary for News (MFD-N): A Crowd-Sourced Moral Foundations Dictionary for the Automated Analysis of News Corpora.*

**Top Five Paper Award**

2018

International Communication Association, Communication Science & Biology Interest Group

Fisher, J. **Hopp, F.R.**, & Weber, R. (2018). *"Look harder!" ADHD, media multitasking,*

*and the effects of cognitive and perceptual load on resource availability and processing performance.*

**Part-time scholarship PROMOS**

German Academic Exchange Service (DAAD)

2015

€1,600

## **DISCIPLINARY SERVICES**

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International Communication Association	2016 – Present
Reviewer	
Co-organizer preconference: Expanding computational communication	2019
National Communication Association	2016 – Present
Reviewer	

## **PROFESSIONAL AFFILIATIONS**

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International Communication Association	2013 – Present
National Communication Association	2017 – Present
American Association for the Advancement of Science	2017 – Present

## **SELECTED GRADUATE COURSEWORK**

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Theoretical Foundations of Network Science (CMPSC 292F)  
Social Media (COMM 214)  
Cognitive Neuroscience (PSY 231)  
Evolution and Human Communication (COMM 205)  
Applied Statistics (COMM 204B)  
Advanced Topics in Research Methods and Statistical Analysis (COMM 204C)  
Data Mining (PSTAT 231)  
Time Series (PSTAT 274)  
fMRI Data Analysis (PSY 221E)  
Neuroimaging (PSY 232)



## LANGUAGES

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German, English, Spanish

Python (experienced in django, pandas, nipy, sklearn, spaCy, NLTK, tensorflow, pytorch)

R (experienced in dplyr, tidyverse, ggplot2, shiny)

MATLAB

Apache Cassandra (NoSQL), Spark

SPSS

JS

LaTeX

## SOFTWARE PACKAGES

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*Contributed to:*

The GDELT interface for Communication Research (iCoRe;  
<https://github.com/medianeuroscience/icore>), UC Santa Barbara Media Neuroscience  
Lab

*Contributed to:*

The Moral Narrative Analyzer (MoNA; <https://mnl.ucsb.edu/mona/>), UC Santa  
Barbara Media Neuroscience Lab