# Frederic R. Hopp

Prepared 4/21/2018

Department of Communication, UC Santa Barbara Media Neuroscience Lab 4323 Social Sciences and Media Studies (SSMS) Santa Barbara, CA, 93106-2020 USA Phone: (805) 448 3568

> Email: fhopp@umail.ucsb.edu URL: https://medianeuroscience.org

# **EDUCATION:**

The University of California, Santa Barbara

Master of Arts in Communication (expected May 2018) Advisors: Rene Weber, PhD, MD, Daniel Linz, PhD,

Scott Reid, PhD

The University of Mannheim

Bachelor of Arts in Media and Communication Studies

Advisor: Peter Vorderer, PhD

Santa Barbara, USA Fall '16 – Spring '18

Mannheim, Germany

Fall '12 – Spring '16

# **RESEARCH AFFILIATION:**

The University of California, Santa Barbara

Graduate Student Researcher Media Neuroscience Lab

Principal Investigator: René Weber, PhD, MD

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

The University of California, Santa Barbara

Associate Researcher

NSF IGERT Network Science Program

The University of Mannheim

Research Assistant

Research Project: Permanently Online, Permanently Connected

Principal Investigator: Peter Vorderer, PhD

09/2016 – Present

04/2017 – Present

09/2016 - Present

02/2015 - 08/2016

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)

- 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*.
- Weber, R., Fisher, J.T., **Hopp, F. R**., Lonergon, C. (2017). Taking Messages into the Magnet: Method-Theory Synergy in Media Neuroscience Research. *Communication Monographs*, 84, 1–22.
- 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.
- 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.
- 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.
- **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).
- 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.

- **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.
- **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.
- 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.
- 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.
- Fisher, J. **Hopp, F**., & 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. **Top 3 Paper Award.**
- Fisher, J., Cornell, D., **Hopp, F.,** 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.
- 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.
- 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. 103 rd Annual Convention of the National Communication Association, Dallas, TX, USA.
- 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.

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.

#### **INVITED LECTURES**

Kocayusufoglu, F., **Hopp, F.R.**, Duan, X., Ding, Y. (2016). *Is it What You Publish, or Whom You Publish With? Combining Machine Learning and Topic Modelling to Predict Citation Counts*. Presented at the third IGERT Data and Network Science Boot Camp, University of California Santa Barbara, Santa Barbara, CA.

#### **TEACHING**

The University of California, Santa Barbara

Teaching Assistant

Introduction to Communication Fall '16
Statistical Analysis of Communication Winter '17

(Assisted with Lecturing)

Research Methods Fall '17, Winter '18

Theories of Communication Spring '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
Theories of Media- and Communication Studies
Scientific Working Routines
Fall '13
Fall '14

**AWARDS AND ACHIEVEMENTS:** 

German Academic Exchange Service (DAAD) '15

PROMOS part-time scholarship, €1,600

Summer Institute in Computational Social Science Princeton, '17

Declined

Summer School in Neuroimaging and Data Science Seattle, '18

Declined

DISCIPLINARY SERVICES:

International Communication Association '16 – Present

Reviewer

National Communication Association '16 – Present

Reviewer

# PROFESSIONAL AFFILIATIONS:

International Communication Association '13 – Present

National Communication Association '17 – Present

American Association for the Advancement of Science '17 – Present

## SELECTED GRADUATE COURSEWORK:

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:

German, English, Spanish

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

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

MATLAB

Apache Cassandra (NoSQL)

**SPSS** 

JS

LaTeX

#### **SOFTWARE PACKAGES:**

#### Contributed to:

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