

Jingjing Han

Curriculum Vitae

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EDUCATION

Ph.D. Media Arts and Sciences, Indiana University 2019 Spring
Minor: Cognitive Science (Expected)

Committee:

Communication Science: Drs. Annie Lang (advisor & chair), Robert F. Potter, & Julia Fox

Cognitive Science: Drs. Geoffrey Bingham, Bennet Bertenthal, & Jerome Busemeyer

Dissertation: Physiological and behavioral synchrony during television co-viewing:
A nonlinear dynamic systems approach (data collection completed)

M.A. Telecommunications, Indiana University 2015

Committee: Drs. Annie Lang (advisor & chair), Robert F. Potter, & Paul Wright

Thesis: Re-conceptualizing coping styles as an arousal-based motivational bias during the processing of mediated self-threatening message. (*Nomination for ICA and NCA Health Communication Divisions' Joint Thesis Award*)

Master of Journalism & Communication (Honors), Fudan University 2013

B.A. Journalism (Honors), Central China Normal University 2011

B.E. Economics, Wuhan University 2011

RESEARCH PUBLICATIONS

[Refereed journal articles]

Han, J., Sun, S., & Lu, Y. (2017). Framing climate change: A content analysis of Chinese mainstream newspapers from 2005 to 2015. *International Journal of Communication*, 11, 2889-2911.

Shen, G., Han, J., & Wang, L. (2014). An overview of Chinese health communication research during H7N9 influenza (in Chinese). *Journalism Bimonthly*, 123, 100-104.

Sun, S., Wang, L., Jiang, H., Han, J., & Wang, Y. (2012). Why grassroots stars shine on the social media. *Medien Journal*, 4/2012, 33-40.

Han, J., & Li, X. (2010). Distinguishing format radio and specialized radio (in Chinese). *Journalism Lover, 2010(3)*, 113-114.

Han, J., & Xu, L. (2010). Rethinking programming skills of format radio (in Chinese). *China Radio, 2010(9)*, 60-62.

Han, J. (2010). The construction of citizen journalism on social equity and justice (in Chinese). *Huazhong Humanity Forum, 2010(1)*, 191-194.

[Refereed published abstracts]

Han, J., Zheng, X., & Liu, T. (2017). A physiological examination of two coping models. *Psychophysiology, 54*, S53.

Han, J., Almond, A., & Lang, A. (2015). Sensitive dependence on initial conditions of mediated message processing. *Psychophysiology, 52*, S108.

[Book Chapters]

Lang, A., **Han, J.**, Zheng, X, Almond, A., Lynch, T., & Mathews, N. (forthcoming). The dynamics of development and learning in a virtual world: The destabilization of real-world and the stabilization of virtual world behavioral attractors. In Kory Floyd & Rene Weber (Eds.), *Handbook of communication science and biology*. New York, NY: Routledge.

Detenber, B., Lang, A., & **Han, J.** (forthcoming). The influence of form and presentation attributes of media on emotion. In K. Dovel, C. von Scheve, & E. Konijn (Eds.), *The Routledge handbook of emotions and mass media*. New York, NY: Routledge.

Lang, A., **Han, J.**, Zheng, X, Almond, A., Lynch, T., & Mathews, N. (in press). Learning to play: How virtual world affordances drive adaptation and learning in Grand Theft Auto. In J. Breuer, D. Pietschmann, B. Liebold, & B. P. Lange (Eds.), *Evolutionary psychology and digital games: Digital hunter-gatherers*. Abingdon, UK: Routledge.

Han, J. (2013). Online interpersonal communication and offline social network: Mapping model and its predictors (in Chinese). In Naipeng, Zhao (Ed.), *China Computer-mediated Communication* (Vol. VII, pp.167-186). Hangzhou: Zhejiang University Press.

[Manuscripts under review]

Han, J., & Lang, A (revise and resubmit). [Title removed for blind review]. *Media Psychology*.

Shi, Y., Potter, R., **Han, J.**, & Chen, M. (under review). [Title removed for blind review]. *Journal of Consumer Behavior*.

Lang, A., Almond, A., & **Han, J.** (under review). [Title removed for blind review]. *Health Communication*.

REFEREED CONFERENCE PRESENTATIONS

Han, J., & Lang, A. (2018, May). *It's a journey: From media effects to dynamic systems*. Paper presented at the annual conference of the International Communication Association. Prague, Czech Republic. (***Top Paper Award**)

Zheng, X., & **Han, J.** (2018, May). *Ideology-based differences in physiological reactions to media messages*. Paper presented at the annual conference of the International Communication Association. Prague, Czech Republic.

Myrick, J., Cores-Sarria, L., **Han, J.**, Newman, A., Floom, A., & Potter, R. (2018, May). *Embodied cognition and 'tech neck': A psychophysiological study of the impact of spinal flexion on cognitive and emotional processing of video messages*. Paper presented at the annual conference of the International Communication Association. Prague, Czech Republic.

Han, J. (2018, April). *Pilot study of physiological synchrony during television viewing*. Paper presented at the Big 10 Mini Communication conference. Madison, Wisconsin.

Han, J., Zheng, X., & Liu, T. (2017, October). *A physiological examination of two coping models*. Paper presented at the annual meeting of the Society for Psychophysiological Research. Vienna, Austria.

Han, J., & Zheng, X. (2017, May). *Coping as motivational bias: Physiological connection between motivational systems and coping styles*. Paper presented at the annual conference of the International Communication Association. San Diego, CA.

Sun, S., **Han, J.**, & Zheng, X. (2017, May). *Framing and exemplification effects on responses to lung cancer news*. Paper presented at the annual conference of the International Communication Association. San Diego, CA.

Han, J., Zheng, X., Sun, S., & Potter, R. (2017, May). *Responses to E-cigarette commercials: Examining the effect of celebrity endorsement and health claims*. Paper presented at the annual conference of the International Communication Association. San Diego, CA.

Lang, A., **Han, J.**, Zheng, X., Almond, A., Lynch, T., & Mathews, N. (2016, November). *Driving and Dying: Destabilizing Real World Attractors in Grand Theft Auto*. "Applying Dynamic, Complex Systems Approaches in Communication Research" panel with J. L. Sherry (Chair), A. Lang, A. Boyan, N. L. Matthews, & A. Almond for Communication and Social Cognition Division at the annual meeting of National Communication Association. Philadelphia, PA.

Han, J., & Lang, A. (2016, June). *Re-conceptualizing coping styles as an arousal-based motivational bias during the processing of mediated self-threatening messages*. Paper presented at the annual conference of the International Communication Association. Fukuoka, Japan.

Han, J., Liao, W., Minas, R., Dennis, A., & Potter, R. (2016, June). *Relationships between neural patterns during picture priming and creative thinking during electronic brainstorming*. Paper presented at the annual conference of the International Communication Association. Fukuoka, Japan.

Han, J., Almond, A., & Lang, A. (2015, September). *Sensitive dependence on initial conditions of mediated message processing*. Paper presented at the annual meeting of the Society for Psychophysiological Research. Seattle, WA.

Han, J., & Sun, S. (2014, August). *Framing climate change: A content analysis of mainstream Chinese newspapers from 2005-2012*. Paper presented at the annual conference of the Association for Education in Journalism and Mass Communication. Montreal, Canada.

Han, J. (2014, August). *How does the audience respond to cancer videos?: A content analysis of YouTube comments*. Paper presented at the annual conference of the Association for Education in Journalism and Mass Communication. Montreal, Canada.

Almond, A., **Han, J.**, Jeon, Y., Liu, J., & Lang, A. (2014, May). *Encoding systems, biological imperatives, and persuasion: Symbols change explicit and representations change implicit attitudes*. Paper presented at the annual conference of the International Communication Association (Preconference, Evolution, Biology, & Brains 2.0). Seattle, WA.

Potter, R., Read, G., Sites, J., & Han, J. (2014, May). *That's not how it goes! The effect of familiarity on automatic attention to expectancy violations in popular songs*. Paper presented at the annual conference of the International Communication Association. Seattle, WA.

Han, J., Zhao, J., & Liu, X. (2012, November). *Chinese media framing of climate change*. Paper presented at the 4th Ph.D. Student Symposium of the Chinese Research Alliance on Journalism and Communication. Taipei, Taiwan. (***Top paper award**)

Han, J. (2011, November). *Online interpersonal communication and offline social network: Mapping model and its predictors*. Paper presented at the 3rd Ph.D. Student Symposium of the Chinese Research Alliance on Journalism and Communication. Shanghai, China.

ACADEMIC AWARDS

[Paper Awards]

- 2018 Top Paper Award of Information System, International Communication Association
- 2017 Nomination for ICA and NCA Health Communication Divisions' Joint Thesis Award
- 2013 The Most Valuable Proposal at Youth Innovation Competition on Global Governance, Sponsored by United Nation Development Programme
- 2012 "Scholar of Challenge" Award, Fudan University
- 2012 Top Paper at the 4th Ph.D. Student Symposium of Chinese Research Alliance on Journalism and Communication
- 2010 Top Paper at the 3rd Shanghai International Student Television Festival
- 2010 3rd Prize at the 1st national paper competition held by the Ministry of Education
- 2010 3rd Prize at 2010 Central China Normal University Student Paper Competition

[Fellowships]

- 2018-2019 Dissertation Completion Fellowship (\$25,000)
Indiana University College of Arts and Sciences
- 2011-2012 Haoxue Merit Fellowship (RMB 5,000), Fudan University, China
- 2007-2010 Boya Merit Fellowship (RMB 6,600), Central China Normal University, China
- 2007-2008 Merit Fellowship (RMB 8,000), The Ministry of Education, China

[Travel Awards]

- 2018 ICA travel award (\$200)
- 2018 College of Arts and Sciences travel award (\$400)
- 2018 Travel fund, The Media School, Indiana University (\$500)
- 2017 Tom/Jay Darragh fund, The Media School, Indiana University (\$400)
- 2017 Summer workshop travel award, American Psychological Association (\$500)
- 2017 ICA travel award (\$200)
- 2017 The Provost's Travel Award for Women in Science,
Indiana University College of Arts and Sciences (\$850)
- 2017 Indiana University Graduate and Professional Student Government Travel
Award (\$500)
- 2016 Indiana University Graduate and Professional Student Government Travel
Award (\$500)

RESEARCH GRANTS

- 2018 PI, Dynamics in E-cigarette commercial watching
(\$1,000) funded by Indiana University Graduate and Professional Student Government
- 2011 PI, Chinese Media Coverage on Climate Change
(RMB 3,000) funded by Fudan University, China
- 2009 PI, The Construction of Citizen Journalism on Social Equity and Justice
(RMB 1,000), funded by Central China Normal University, China
- 2008 PI, The Development of Chinese Format Music Radio
(RMB 5, 000) funded by the Ministry of Education, China

NON-REFEREED PRESENTATIONS

Physiological and behavioral synchrony during television co-viewing

- Presentation to the Statistics Consulting course in the Statistics Department, Indiana University, Spring 2018
- Presentation to the Media School Graduate Student Conference, Indiana University, Spring 2018
- Presentation to the Advanced Training Institute (Nonlinear Methods for Psychological Sciences), American Psychological Association, Summer 2017
- Presentation to the Developmental Cognitive Neuroscience Lab, Dr. Bennett Bertenthal, Indiana University, Fall 2016

Nonlinear Methods – Cross recurrence analysis & Fractal analysis

- Presentation to the Institute for Communication Research, Indiana University, Fall 2017
- Presentation to the Perception Action Lab, Dr. Geoffrey Bingham, Indiana University, Spring 2017

The Media School Graduate Student Conference, Indiana University

- Presented “It’s a journey: From media effects to dynamic systems”, Spring 2018
- Presented “Re-conceptualizing coping styles as an arousal-based motivational bias during the processing of mediated self-threatening message”, Fall 2016

RESEARCH IN PROGRESS

Han, J., & Lang, A. (manuscript in preparation). Re-conceptualizing coping styles as an arousal-based motivational bias during the processing of mediated self-threatening messages.

Han, J., Lang, A., & Zheng, X. (manuscript in preparation). Coping as motivational bias: Physiological connection between motivational systems and coping styles.

Han, J., Sun, S., Zheng, X., & Potter, R. (manuscript in preparation). Responses to E-cigarette commercials: Examining the effect of celebrity endorsement and health claims.

Zheng, X., & **Han, J.** (manuscript in preparation). *Ideology-based differences in physiological reactions to media messages.*

Han, J., & Amon, M. (data analysis). Dynamic analysis on eye gaze and emotional arousal during emotional television viewing.

Myrick, J., Cores-Sarria, L., **Han, J.,** Newman, A., Floom, A., Potter, R. (data analysis). Embodied cognition and ‘tech neck’: A psychophysiological study of the impact of spinal flexion on cognitive and emotional processing of video messages.

Han, J., & Lang, A. (data cleaning). Skin conductance synchrony during television co-viewing.

Han, J., Lang, A., Busemeyer, J., Bingham, G., & Bertenthal, B. (data cleaning). Synchrony during television co-viewing: A comparison of linear and nonlinear analyses.

Han, J., & Lang, A. (data coding). Eye gaze pattern during television co-viewing.

Fox, J., & Han, J. (data coding). Recurrence analysis of facts and jokes on Last Week Tonight with John Oliver.

TEACHING

- 2018 **Instructor of Record**
 Course: Race, Prejudice, and the Media
 The Media School, Indiana University
 Enrollment: 49 undergraduate students
- 2017 **Discussion Leader (3 sessions)**
 Course: Media
 The Media School, Indiana University
 Enrollment: 21 undergraduate students in each session
- 2017 **Online Course Designer**
 Course: Time Series Analysis (Graduate course for the Data Science Program)
 School of Informatics, Computing, and Engineering, Indiana University
- 2013-2017 **Associate Instructor**
 Electronic Media Advertising
 Promotion and Marketing
 Introduction to Media Industries and Management (2 sessions)
 Introduction to Media and Society
 Introduction to Sports Media
 Telecommunications Processes and Effects
 Audience Analysis
- Guest Lectures**
- 2016 International Advertising in China I
 Course: Electronic Media Advertising
- 2016 International Advertising in China II
 Course: Electronic Media Advertising
- 2015 Applying Scientific Research to Message Design
 Course: Promotion and Marketing

SELECTED PROFESSIONAL EXPERIENCE

- 2012 Intern Journalist, National Xinhua News Agency
- 2010 Intern Journalist, China National Radio
- 2008 Intern, Hubei Music Radio (Audio Production)
*Access my radio programs on my personal web
- 2008-2011 Editor, Reporter, Press Photographer, awarded as “Excellent Journalist”
University News Website & Radio Station, Central China Normal University

SERVICE

To the Field

- 2018 Conference session chair: International Communication Association
- 2018-2019 *Journalism & Mass Communication Quarterly* Review Trainee Program
- 2017 Ad hoc Reviewer: *Scientific Report* (by Nature Group, impact factor: 5.00)
- 2016 Conference volunteer: International Communication Association
- 2014 - 2018 Conference reviewer: International Communication Association

To the University

- 2016 Award Committee, Graduate Professional Student Government, Indiana University

To the Department

- 2018 Institute for Communication Research Volunteer
The Media School Direct Admit Day, Indiana University
- 2018 Recommending students in support of their scholarship application

PROFESSIONAL MEMBERSHIPS

- 2018 - Present American Academy of Advertising (AAA)
- 2014 - Present International Communication Association (ICA)
- 2014 - Present Association for Education in Journalism and Mass Communication (AEJMC)
- 2014 - Present Chinese Communication Association (CCA)
- 2017 - 2018 American Psychological Association (APA)
- 2015 - 2017 The Society for Psychophysiological Research (SPR)

REFERENCES

Annie Lang, Ph.D., Distinguished Professor

The Media School, Indiana University
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Robert F. Potter, Ph.D., Professor

The Media School, Indiana University
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Julia Fox, Ph.D., Associate Professor

The Media School, Indiana University
jurfox@indiana.edu, 812-855-9935

Geoffrey Bingham, Ph.D., Professor

Department of Brain and Psychological Sciences, Indiana University
gbingham@indiana.edu, 812-855-4322

Shaojing Sun, Ph.D., Professor

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ssjmedia@163.com