Andrew Gambino

The Pennsylvania State University

Donald P. Bellisario College of Communications

University Graduate Fellow

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Google Scholar Profile

EDUCATION

PhD., Mass Communication – College of Communications (Expected, Spring 2019)

The Pennsylvania State University

University Graduate Fellow

Doctoral Committee: Dr. S. Shyam Sundar (Chair); Dr. Mary Beth Oliver; Dr. Matt McAllister; Dr. Denise Haunani Solomon

M.A., Communication – School of Communication

Western Michigan University

Thesis Committee: Dr. Autumn Edwards (Chair); Dr. Chad Edwards; Dr. Adam Kahn

B.A., Film, Video, and Media Studies – School of Communication

Western Michigan University, (August, 2012)

RESEARCH INTERESTS

Social and Psychological approaches to Communication and Technology; Human-Computer Interaction; Computer-Mediated Communication; Computer-Supported Cooperative Work

Interpersonal Communication in the Digital Age: Relationships, disclosure, and support

The Human-Technology Relationship

Artificial Intelligence, psychological effects of interaction and conceptual progress

Communication Networks in New Media: Social networks, mobile technology, virtual worlds, and crowd-sourcing

Ethical Design: Technology to aid the marginalized, displaced, and stigmatized

Socio-technological health care: Effects and design of new health care systems

Extended, distributed, and embodied cognition

Creative and avant-garde experimental methods [Computational and Mathematical]

PUBLICATIONS

Refereed Publications

Kim, J., Gambino, A., Sundar, S. S., Rosson, M. B., Aritajati, C., Ge, J., & Fanning, C. (In Press). Interface cues to promote disclosure and build community: An experimental test of crowd and connectivity cues in an online sexual health forum. Published *In Proceedings of the ACM on Human-Computer Interaction, 2, (CSCW '18), Article 90.* ACM. https://doi.org/10.1145/3274359

Adithya, R. V., Dicicco, E., Gambino, A. (2018). Facebook Reactions: Impact of introducing new features of SNS on social capital. Published in *Proceedings of Human Computer Interaction International '18*. https://doi.org/10.1007/978-3-319-92270-6_64

Edwards, A., Edwards, C., & Gambino, A. (2018). Preference for rhetorical messages from a social robot in regulatory situations. In *Proceedings of the Technology, Mind, and Society,* 8. ACM. https://doi.org/10.1145/3183654.3183687

Peña, J., Rosson, M. B., Ge, J., Jeong, E., Sundar, S. S., Kim, J., & Gambino, A. (2018). An exploration of design cues for heuristic-based decision-making about information sharing. In *Proceedings of International Conference on Information*, 677-683. Springer. https://doi.org/10.1007/978-3-319-78105-1_78

Gambino, A., Kim, J., Sundar, S. S., Ge, J., & Rosson, M. B. (2016). User disbelief in privacy paradox: Heuristics that determine disclosure. Published in *Proceedings of SIGCHI '16 Human Factors in Computing Systems (CHI '16)*. http://dx.doi.org/10.1145/2851581.2892413

Kim, J., & Gambino, A. (2016). Do we trust the crowd or information system? Effects of personalization and bandwagon cues on users' attitudes and behavioral intentions toward a restaurant recommendation website. *Computers in Human Behavior*, *65*, 369-379. http://doi.org/10.1016/j.chb.2016.08.038

Edwards, A., Edwards, C., Spence, P., Harris, C., & Gambino, A. (2016). Communicating with a robot in the classroom: Differences in perceptions of credibility and learning between 'robot as teacher' and 'teacher as robot.' *Computers in Human Behavior*, *65*, 627-634. http://doi.org/10.1016/j.chb.2016.06.005

Book Chapters

Sundar, S. S., Gambino, A., & Kim, J. (In Press). Smart but nosy: Gratifications of ubiquitous media that threaten our privacy. In Downs, E. (Ed.), *The Dark Side of Media*.

Edwards, C., Stoll, B., Edwards, A., Spence, P., & Gambino, A. (In Press). I'll present to the human: Effects of a robot evaluator on public speaking anxiety.

Sundar, S. S., Kim, J., & Gambino, A. (2017). Using Theory of Interactive Media Effects (TIME) to analyze digital advertising. In S. Rogders & E. Thorson (Eds), *Digital advertising: Theory and research.*

In Submission Manuscripts [titles vague to not compromise blind review]

Gambino, A., & Kim, J. An AI wrote this?

Gambino, A., Kim, J., & Sundar, S. S. Digital doctors: Predicting user acceptance of virtual doctor offices via the machine heuristic and power usage

Edwards, A., Edwards, C., & Gambino, A. The social pragmatics of communication with social robotics.

Gambino, A., & Sundar, S. S. Posthuman ability of AI predicts the adoption of self-driving cars.

Davilla, M, Gambino, A., & S. S. Sundar. How does connecting via a public or private network determine self-disclosure and privacy concerns

Kim, J., Cao, X., & Gambino, A. Sexual advertising and distraction from news.

Conference Papers Presented

Gambino, A. (2017, May). Me and my i-phone? A framework for the human-technology relationship. Paper presented at the 67th, annual conference of the International Communication Association, 2017, San Diego, CA.

Gambino, A. (2017, May). Extended cognition in Communication. Paper presented at the 67th annual conference of the International Communication Association, 2017, San Diego, CA.

Edwards, A., Edwards, C., & Gambino, A. (2017, May). Responses to robotic group communication: message design logic in the realm of social robotic relations. Paper presented at the 67th annual conference of the International Communication Association, 2017, San Diego, CA.

Gambino, A., & Kim, J. (2016, June). *An algorithm wrote this? Psychological responses to AI news writers: Eeriness, branding, and credibility*. Paper presented at the 66th annual conference of the International Communication Association, 2016, Fukuoka, Japan.

Edwards, C., Stoll, B., Edwards, A., Spence, P., & Gambino, A. (2016, June). *I'll present to the human: Effects of a robot evaluator on public speaking anxiety*. Paper presented at the 66th annual conference of the International Communication Association, 2016, Fukuoka, Japan.

Sundar, S. S., Kim, J., Gambino, A., & Rosson, M. (2016, May). *Six ways to enact privacy by design: Cognitive heuristics that predict users' online information disclosure*. Paper to be presented at the SIGCHI '16 Privacy by Design Workshop, 2016, San Jose, CA.

Kim, J., Gambino, A., & Zhao, X. (2015, August). *Do we trust the crowd or the system?* Paper presented at the Association for Education in Journalism and Mass Communication (AEJMC), 2015, San Francisco, CA.

Gambino, A., & Kim, J. (2015, July). *The writer is an algorithm? Differences in data driven and human driven pieces*. **[University Sponsored Student]** Boaster presented at the 2015 Human-Computer Interaction Consortium (HCIC): Theory, Watsonville, CA.

Gambino, A., Kahn, A. S., & Edwards, A. (2015, May). *Incidental and Deliberate Cues, Credibility, and Impression Formation on YouTube*. Paper presented at the 65th annual conference of the International Communication Association, 2015, San Juan, Puerto Rico.

Edwards, C., Edwards, A., Spence, P. R., Gentile, C., & Gambino, A. (2014, April). *Communicating with a robot in the classroom: Differences in perceptions of credibility and behavioral learning between robot as teacher and teacher as robot*. Paper presented at the Annual Meeting of the Central States Communication Association, Minneapolis, MN. **[TOP 2 PAPER AWARD - Communication Education]**

Gambino, A., (2013, July). *From the new world*. Paper presented at the Annual Meeting of the University Film and Video Association, Anaheim, CA.

Gambino, A., Bohlen, B., & Tyler, J. M. (2013, April). *Make it pinteresting: Classroom learning through social-media*. Paper presented at the Annual Meeting of the Central States Communication Association, Kansas City, MO.

Funded Research Project Experience

Exploring Heuristics and Designing Interface Cues to Understand Revealing or Withholding of Private Information (2014-Present). National Science Foundation, Early-concept Grants for Exploratory Research (EAGER), Secure and Trustworthy Computing (SaTC). **Principal Investigator – Dr. S. Shyam Sundar**

VIPER – Virtual Persona in Terrorist Extremist Messaging Networks (2017-Present). Applied Research Laboratory, The Pennsylvania State University. **Principal Investigator – Dr. S. Shyam Sundar**

Gaming for Good: Utilizing unique Affordances of Games to Produce Pro-social outcomes. Proposal submitted to the National Science Foundation's EAPSI Fellowship Program. Finalist.

Examining the Psychological Perceptions of Automated News (2017-Present). Tow Center at Columbia University for Digital Journalism. **Principal Investigator – Dr. Jan Boehmer**

Funded Research Projects in Progress

Dissecting Power Users: Who are they and what do they want? (2015-). Grant proposal project submitted for a Google Faculty Research Award. **Principal Investigator – Dr. S. Shyam Sundar**

Manuscripts in Progress

Gambino, A. Relational other or extension of self – Identification with personal media.

Gambino, A, & S. S. Sundar. Approaching mobile attachment and effects from an affordance based perspective

Gambino, A & Kim, J. Diving in despite the screens: Media multitasking, transportability, and creativity

Edwards, C., & Gambino, A. Artificial intelligence agent as evaluator: Communication anxiety in the digital-unknown

S. S. Sundar, Gambino A., Liu, B., & Kang, J. The bandwagon effect: How do powerful cues change our message processing?

Gambino, A & Orme, S. Game-stop How females are perceived in cooperative play and why they are uncomfortable shopping in physical retail spaces

Gambino, A., & Sundar S. S. Predicting the acceptance of sex robots for individuals and society – A third-person effect.

Workshops and Symposium Experience:

Theorizing Communication in a Digitally Networked Age. (2017). School of Communication Arts and Sciences, The Pennsylvania State University – Selected participant (Poster)

VIPER – Virtual Persona in Terrorist Extremist Messaging Networks. (2017). Applied Research Laboratory, The Pennsylvania State University – Invited participant

Avatars Assembled: Symposium on Avatars in New Media. (2016). West Virginia University – Honorarium awarded and invited participant

Privacy by Design: Bridging the gap between privacy by design and privacy in practice: Preconference workshop at ACM SIGCHI (CHI 16') – Selected participant (Paper)

H O N O R S   and   A W A R D S

University Graduate Fellowship, The Pennsylvania State University (2014-)

Invited Speaker – Social Media Summit, The Pennsylvania University (2018)

Don Davis Program in Ethical Leadership Research Grant (2016) – Co PI – Exploring how gaming capital is distributed within the gaming community

College of Communications Research Grant (2016) – Agency negotiation in the new Human-Technology relationship

Dean Douglas and Claudia Anderson College of Communications Award (Outstanding
Graduate Student) - The Pennsylvania State University (2015)

University Sponsored Student, The Pennsylvania State University (2015) HCIC [Human
Computer Interaction Consortium – Theory]

Top Paper Award, Central States Communication Association (2014) – Communication
Education Division

Research Fellowship (Summer), The Pennsylvania State University (2015)

Phi Kappa Phi Honors Society, Western Michigan University (2013)

Cum Laude, Western Michigan University (2012)

Alpha Lambda Delta Honors Society, Western Michigan University (2012)

U N I V E R S I T Y   P O S I T I O N S

The Pennsylvania State University

Research Positions:

Media Effects Research Lab - S. Shyam Sundar's Lab Group: Coordinator (2017-2018)

Teaching Assistantships:

COMM 506 (2015, Fall): Research Methods in Communication (Graduate Level)

Graduate Teaching Assistant – Responsible for 15 students

COMM 517 (2016, Spring): Psychological Aspects of Communication Technology
(Graduate Level)

Graduate Teaching Assistant – Responsible for 10 students

COMM 418 (2016, Spring): Media Effects: Theory and Research

Graduate Teaching Assistant – Responsible for 30 students

Rated 4.9 / 5.0 overall (n = 26)

COMM 506 (2016, Fall): Research Methods in Communication (Graduate Level)

Graduate Teaching Assistant – Responsible for 15 students

COMM 418 (2017, Spring): Media Effects: Theory and Research

Graduate Teaching Assistant – Responsible for 30 students

Rated 4.9 / 5.0 overall (n = 18)

COMM 420 (2017, Fall): Research Methods in Advertising and Public Relations

    Responsible for 60 Students

    Rated 5.0 / 7.0 overall (n = 21)

COMM 190 (2018, Spring): Gaming and Interactive Media – World Campus –
Responsible for 50 Students

    Rated 6.1 / 7.0 overall (n = 12)

Western Michigan University
Teaching Assistantships:
COM 2010 (2013, Fall; 2014, Spring): Communication Inquiry (Research Methods)

Graduate Teaching Assistant – Responsible for 90 students

COM 2400 (2013, Spring; 2014, Spring): Intro to Media and Telecom

Graduate Teaching Assistant – Responsible for 240 students

    Rated 4.6 / 5.0 overall (n = 25)

COM 2560 (2012, Fall; 2013, Fall): Digital Media Operations

Graduate Teaching Assistant – Responsible for 90 students

    Rated 4.6 / 5.0 overall (n = 7)

COM1000 (2012, Fall; 2013 Spring): Communication and Community Engagement

Graduate Teaching Assistant – Led lab sections of 25 students twice weekly

Research Assistantships:
Dr. Autumn Edwards (Summer, 2013)

Graduate Research Assistant, Survey and Experimental Research Lab (S.E.R.L.)

Research Affiliations:
Media Effects Research Lab – The Pennsylvania State University

Communication and Social Robotics Laboratory – Western Michigan University, The
University of Kentucky, North Dakota State University

Survey and Experimental Research Laboratory – Western Michigan University

Games and Interactive Media Space Laboratory – Western Michigan University

Service:

Membership Chair, Communication Technology Division, Association for Education in Journalism and Mass Communication (AEJMC) (2015)

Lab Group Coordinator - S. Shyam Sundar's Lab Group, of the Media Effects Research Lab (2017-2018)

Editorial Assistant – *Journal of Computer-Mediated Communication* (2015-2018)

Reviewer – *Media Psychology, Journal of Media Psychology, Computers in Human Behavior, Journal of Information Technology*

The Pennsylvania State University

Graduate Students in Communication (GSIC), Member (2014-Present)

Western Michigan University

RSO – Communique, Member, Treasurer (2012-2014)

Graduate Student Advisory Committee, Member (2012-2014)

Professional Memberships:

International Communication Association

National Communication Association

Association for Education in Journalism and Mass Communication

University Film and Video Association

Association for Computing Machinery