

Andrew Gambino

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The Pennsylvania State University
Donald P. Bellisario College of Communications
University Graduate Fellow

EDUCATION

PhD., Mass Communication – College of Communications (Expected, 2020)

Committee Chair – Dr. Mary Beth Oliver

The Pennsylvania State University

University Graduate Fellow

M.A., Communication – School of Communication

Western Michigan University

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

Western Michigan University

RESEARCH INTERESTS

Interpersonal Relationships with Media, Media-Agents, and Machines

**Communication & Technology + Human-Computer Interaction + Computer-Mediated
Communication**

The human-media relationship [interaction to collaboration]

Immersive media – VR+AR, games, avatars, presence, players, creators, and
communities

Artificial Intelligence – Psychological effects, proper use, and conceptual progress

Interpersonal communication in the digital age – Relationships, disclosure, and support

Health communication – Technology based solutions to improve accessibility

Internet privacy and security

Extended, distributed, and embodied cognition

Creative and avant-garde methods [computational + mathematical approaches]

PUBLICATIONS

Refereed Publications

Gambino, A. & Sundar, S. S. (2019). Acceptance of self-driving cars: Does their posthuman ability make them more eerie or more desirable? Published in *Proceedings of SIGCHI '19 Human Factors in Computing Systems (CHI '19)*. <https://doi.org/10.1145/3290607.3312870>

Gambino, A., Kim, J., & Sundar, S. S. (2019). Digital doctors and robot receptionists: User attributes that predict acceptance of automation in healthcare facilities. Published in *Proceedings of SIGCHI '19 Human Factors in Computing Systems (CHI '19)*. <https://doi.org/10.1145/3290607.3312916>

Molina, M. D., **Gambino, A.**, & Sundar, S. S. (2019). Online privacy in public places: How do location, terms and conditions and VPN influence disclosure? Published in *Proceedings of SIGCHI '19 Human Factors in Computing Systems (CHI '19)*. <https://doi.org/10.1145/3290607.3312932>

Edwards, A., Edwards, C., & **Gambino, A.** (2019). The social pragmatics of communication with social robots: Effects of robot message design logic in a regulative context. *International Journal of Social Robotics*. <https://doi.org/10.1007/s12369-019-00538-7>

Kim, J., **Gambino, A.**, Sundar, S. S., Rosson, M. B., Aritajati, C., Ge, J., & Fanning, C. (2018). 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 CSCW '18, Computer Supported Cooperative Work (CSCW '18)*. <https://doi.org/10.1145/3274359>

Adithya, R. V., Diccico, 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.
<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. 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)*.
<https://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.
<https://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. <https://doi.org/10.1016/j.chb.2016.06.005>

Book Chapters

- Sundar, S. S., **Gambino, A.**, & Kim, J. (2019). 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.** (2018). I'll present to the human: Effects of a robot evaluator on public speaking anxiety. In Guzman, A. (Ed.), *Human-Machine Communication*.

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

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

Gambino, A., Fox, J., & Ratan, R. Human-Media Interaction

Ratan, R., **Gambino, A.**, & Kuang, S. VR and AR can improve learning and the breaking of stereotypes of women in STEM

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

Gambino, A., Chen, C., & Sundar, S. S. Can passivity on mobile phones improve communication anxiety?

Ratan, R., Li, B., & **Gambino, A.** Shifting embodiment: A new MECHANISM for prosocial Proteus effects.

Conference Papers Presented

Gambino, A. & Sundar, S. S. (2019, May). *Personal Media: How Human-Machine collaboration influences decision-making based on relational closeness*. Paper presented at the 69th annual conference of the International Communication Association, 2019, Washington DC.

Gambino, A. & Sundar, S. S. (2019, May). *Fantasy machines that may reduce sex crimes: Predictors of acceptance of Sex Robots at personal and societal levels*. Paper presented at the 69th annual conference of the International Communication Association, 2019, Washington DC.

Ratan, R. & **Gambino, A.** (2019, May). *A Self-Other-Utility framework of Media Malleability*. Paper presented at the 69th annual conference of the International Communication Association, 2019, Washington DC.

Ratan, R. & **Gambino, A.** (2019, April). *What is Media?* Paper presented at the 10th annual What is... conference (What is Technology '19). Portland, OR.

Mitchel, K., Ratan, R., Mass, M., Holt., K., & **Gambino, A.** (2019). *Virtual reality pornography is associated with greater rape myth acceptance, relationship dissatisfaction, and self-reported addiction, but causality is uncertain*.

- Paper submitted to the 2019 annual meeting of the Society for the Scientific Study of Sexuality, 2019, Denver, CO.
- 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 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 (2014-2018). 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 (2017-2018). 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). Tow Center at Columbia University for Digital Journalism.

Manuscripts in Progress

Gambino, A. Thinking 1s and 0s: Decision-making revisited.

Gambino, A. & Ratan, R. Media malleability: A SOU Framework for interactions with new media.

Ratan, R., **Gambino, A.**, & Li, B. The Mediated Equation.

Ratan, R., **Gambino, A.**, & Li, B. Shifting Embodiment: A theoretical mechanism for prosocial attitude change in VR

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

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)

HONORS and AWARDS

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

Invited Speaker, Keynote Panel – ICA, Human-Machine Communication Preconference (2020)

Special Recognition for Outstanding Review – CSCW (2019)

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

Don Davis Program in Ethical Leadership Research Grant, The Pennsylvania State University (2016)

College of Communications Research Grant, The Pennsylvania State University (2016)

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

University Sponsored Student – HCIC [Human-Computer Interaction Consortium] (2015)

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

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

Cum Laude, Western Michigan University (2012)

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

UNIVERSITY POSITIONS

The Pennsylvania State University

Teaching

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 ($n = 12$)

IST 440W (Capstone Course - 2019, Spring): Integration. Responsible for two
sections of 45 students

IST 440W (Capstone Course - 2019, Fall): Integration. Responsible for two
sections of 45 students.

Western Michigan University

Teaching

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 ($n = 7$)

COM 1000 (2012, Fall; 2013 Spring): Communication and Community

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

Research Affiliations:

Media Effects Research Lab – The Pennsylvania State University

Communication and Social Robotics Laboratory – Western Michigan University,
University of Central Florida, North Dakota State University

Service:

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

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

Invited Reviewer, Journals & Proceedings – *Human Communication Research, Media Psychology, Journal of Media Psychology, SIGCHI - Main Papers, CSCW - Main Papers, Communication Studies, 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

References:

Dr. Mary Beth Oliver (Penn State – College of Communications, Committee Chair)
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Dr. Jesse Fox (Ohio State – School of Communication)
The Ohio State University
3084 Derby Hall, 154 North Oval Mall
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Dr. Rabindra A. Ratan (Michigan State – Department of Media and Information)
404 Wilson Rd
Communication Arts and Sciences Building
East Lansing, MI 48823
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Dr. Denise Haunani Solomon (Penn State – Communication Arts and Sciences)
317 Sparks Building
University Park, PA 16802
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Dr. Autumn P. Edwards (Western Michigan University – School of Communication)
221 Sprau Tower
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Kalamazoo, MI 49008
autumn.edwards@wmich.edu

Dr. Matthew McAllister (Penn State – College of Communications)
209 Carnegie Building
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mpm15@psu.edu