

Lindsay Hahn, PhD

Department of Communication • University at Buffalo, State University of New York
mediamoralitylab.org

Education

- 2018 **Ph.D.**, Communication, Cognitive Science, Michigan State University
- 2013 **M.A.**, Communication, Kent State University
- 2011 **B.A.**, Communication, University of Pittsburgh, *Cum laude*

Employment History

- 2020 - **Assistant Professor** of Communication, University at Buffalo, State University of New York
- 2021 - **Faculty Affiliate**, Center for Cognitive Science, University at Buffalo, State University of New York
- 2018 - 2020 **Postdoctoral Researcher**, National Institutes of Health; University of Georgia

Recent Grant Activity

- 2024 *STARS: Study of how Technology Affects Regional Social fabric*, Department of Defense Minerva Research Initiative, \$3,705,308 (Co-Principal investigator; *under review*).
- 2024 *BSU Foundation Project - NIJ FY24 Domestic Radicalization and Violent Extremism Research Center of Excellence Opportunity Number: O-NIJ-2024-171923*, National Institute of Justice, \$7,000,000 (Consultant, *under review*).
- 2024 *Exploring the Development and Effects of Parasocial Relationships with “Benign” and Explicit Social Media Influencers for Right-Wing Extremist Organizations*, Department of Defense Minerva Research Initiative, \$3,000,000 (Co-Principal investigator; *not funded*).
- 2023 *A Complex Dynamical Systems Approach to Understanding the Moral Roots of Message Resonance*, Department of Defense Multidisciplinary Research Program of the University Research Initiative, \$6,016,041 (Principal investigator; *Invited to submit full proposal, not funded*).

Publications

A. Peer-Reviewed Journal Articles

39. Schibler, K., **Hahn, L.**, & Lankford, A. (in press). Investigating 55 years of mass shooter statements in the United States: A study of perpetrators' stated motivations and their association with attack severity. Manuscript forthcoming in *Communication Monographs*.
38. Ahn, S.J., Schimdt, M.D., Tate, A.D., Rathbun, S., Annesi, J., **Hahn, L.**, Novotny, E., & Johnsen, K. (in press). The Virtual Fitness Buddy Ecosystem: A mixed-reality intervention to improve physical activity and sedentary behaviors in elementary school children. Manuscript forthcoming in *npj Digital Medicine*.
37. Tamborini, R. **Hahn, L.**, Baldwin, J., Klebig, B., Prabhu, S., Aley, M., Hofer, M., Novotny, E., & Sethi, N. (in press). Toward defining prosocial and antisocial media content in terms of intuitive motivations. Manuscript forthcoming in *Journal of Media Psychology*.
36. **Hahn, L.**, Schibler, K., Lattimer, T., Toh, Z., Vuich, A., Velho, R., Kryston, K., O'Leary, J., & Chen, S. (2024). Why we fight: Investigating the moral appeals in terrorist propaganda, their predictors, and their association with attack severity. *Journal of Communication*, 75(1), 63-76. <https://doi.org/10.1093/joc/jqad029>
35. **Hahn, L.**, Tamborini, R., Aley, M., Baldwin, J., & Grady, S. (2024). Early adolescents can extract distinct moral lessons from narrative media content. *Media Psychology*, 27(1), 26-49. <https://doi.org/10.1080/15213269.2023.2219457>
34. Schibler, K., **Hahn, L.**, & Green, M. C. (2024). Investigating audience responses to cliffhangers in written narratives using affective disposition theory. *Media Psychology*, 27(1), 1-25. <https://doi.org/10.1080/15213269.2023.2219456>
33. **Hahn, L.**, Schibler, K., Toh, Z., Lattimer, T., O'Leary, J., & Spaaij, R. (2023). Investigating the role of morality in the motivations and attack severity of lone-actor terrorists. *Terrorism and Political Violence*, Advance online publication. <https://doi.org/10.1080/09546553.2023.2282461>
32. Bowman, N. D., Spence, P., & **Hahn, L.** (2023). Open, organized, and onerous: Understanding and recognizing the labors of open science. *Journal for the Association for Communication Administration*, 40, 61-70.
31. Aley, M. & **Hahn, L.** (2023). Altruistic and egoistic motivations of male and female characters in Common Sense Media television programming for children. *Sex Roles*, 89, 347-359. <https://doi.org/10.1007/s11199-023-01372-y>
30. Schmidt, M. D., Rathbun, S. L., Chu, Z., Boudreaux, B., **Hahn, L.**, Novotny, E., Johnsen, K., & Ahn, S. J. (2023). Agreement between Fitbit and ActiGraph estimates of physical activity in young children. *Measurement in Physical Education and Exercise Science*, 27(2), 171-180. <https://doi.org/10.1080/1091367X.2022.2125319>
29. **Hahn, L.**, Aley, M., Frank, A., Lawrence, C., & Lattimer, T. (2022). Examining the motivations of Walt Disney heroes and villains and their association with audience appeal and future film production. *Journal of Broadcasting and Electronic Media*, 66(5), 843-863. <https://doi.org/10.1080/08838151.2022.2120879>
28. **Hahn, L.** (2022). Moral clarity decreases as viewer age increases: A content analysis of the moral values and reinforcement clarity depicted in popular U.S. children's television. *Journal of Children and Media*, 16(2), 168-187. <https://doi.org/10.1080/17482798.2021.1943475>

27. **Hahn, L.**, Tamborini, R., Prabhu, S., Grall, C., Novotny, E., & Klebig, B. (2022). Narrative media's emphasis on distinct moral intuitions alters early adolescents' judgments. *Journal of Media Psychology*, *34*(3), 177-187. <https://doi.org/10.1027/1864-1105/a000307>
26. Ellithorpe, M., Ulusoy, E., Eden, A., **Hahn, L.**, Yang, C., & Tucker, R. M. (2022). The complicated impact of media use before bed on sleep: Results from a combination of objective EEG sleep measurement and media diaries. *Journal of Sleep Research*, *31*(5), e13551. <https://doi.org/10.1111/jsr.13551>
25. Ball, C., Novotny, E., Ahn, S. J., **Hahn, L.**, Schmidt, M., Rathbun, S., & Johnsen, K. (2021). Scaling the Virtual Fitness Buddy Ecosystem as a school-based physical activity intervention for children. *IEEE Computer Graphics and Applications*, *42*(1) 105-115. doi:10.1109/MCG.2021.3130555
24. Frischlich, L., **Hahn, L.**, Rieger, D. (2021). The promises and pitfalls of inspirational media: What do we know and where do we go from here? *Media and Communication*, *9*(2), 162-166. <https://doi.org/10.17645/mac.v9i2.4271>
23. Aley, M., **Hahn, L.**, Tamborini, R., Goble, H., Zhang, L., Grady, S., Baldwin, J. (2021). What does television teach children? Examining the altruistic and egoistic lessons in children's educational television. *Communication Reports*, *34*(2), 106-119. <https://doi.org/10.1080/08934215.2021.1918738>
22. Klebig, B., **Hahn, L.**, Tamborini, R., Aley, M., Goble, H, Baldwin, J., & Grady, S. (2021). The influence of prevailing regional political narratives on intuitions featured in religious messages. *Communication Reports*, *34*(1), 37-49. <https://doi.org/10.1080/08934215.2020.1869281>
21. Tamborini, R., **Hahn, L.**, Klebig, B., Walling, B., Kryston, K., & Aley, M. (2021). The representation of altruism and egoism in children's books. *Communication Studies*, *72*(2), 163-177. <https://doi.org/10.1080/10510974.2020.1833356>
20. **Hahn, L.**, Schmidt, M.D., Rathbun, S.L., Johnsen, K., Annesi, J.J., & Ahn, S.J. (2020). Using virtual agents to increase physical activity in young children with the virtual fitness buddy ecosystem: study protocol for a cluster randomized trial. *Contemporary Clinical Trials*, *99*, 106181. <https://doi.org/10.1016/j.cct.2020.106181>
19. **Hahn, L.**, Rathbun, S., Schmidt, M., Johnsen, K., Annesi, J., & Ahn, S.J. (2020). Using virtual agents and activity monitors to autonomously track and assess self-determined physical activity among young children: A 6-week feasibility field study. *Cyberpsychology, Behavior, and Social Networking*, *23*(7), 471-478. <https://doi.org/10.1089/cyber.2019.0491>
18. Prabhu, S., **Hahn, L.**, Tamborini, R., & Grizzard, M. (2020). Do morals featured in media content correspond with moral intuitions in media users?: A test of the MIME in two cultures. *Journal of Broadcasting & Electronic Media*, *64*(2), 255-276. <https://doi.org/10.1080/08838151.2020.1757364>
17. Hofer, M., Hartmann, E., Eden, A., Ratan, R., & **Hahn, L.** (2020). The role of plausibility in the experience of spatial presence in virtual environments. *Frontiers in Virtual Reality*, *1*(2). <https://doi.org/10.3389/frvir.2020.00002>
16. Aley, M., & **Hahn, L.** (2020). The powerful male hero: A content analysis of gender representation in posters for children's animated movies. *Sex Roles*, *83*, 499-509. <https://doi.org/10.1007/s11199-020-01127-z>

15. Tamborini, R., **Hahn, L.**, Aley, M., Prabhu, S., Baldwin, J., Sethi, N., Novotny, E., Klebig, B., & Hofer, M. (2020). The impact of terrorist attack news on moral intuitions. *Communication Studies*, 71(4), 511-527. <https://doi.org/10.1080/10510974.2020.1735467>
14. **Hahn, L.**, Tamborini, R., Novotny, E., Grall, C., & Klebig, B. (2019). Applying moral foundations theory to identify terrorist group motivations. *Political Psychology*, 40(3), 507-522. <https://doi.org/10.1111/pops.12525>
13. **Hahn, L.**, Tamborini, R., Klebig, B., Novotny, E., Grall, C., Hofer, M., & Lee, H. (2019). The representation of altruistic and egoistic motivations in popular music over 60 years. *Communication Studies*, 70(1), 59-78. <https://doi.org/10.1080/10510974.2018.1447493>
12. Ellithorpe, M., Eden, A., **Hahn, L.**, Ulusoy, E., Yang, C., & Tucker, R. M. (2019). Meal-concurrent media use is associated with increased dietary intake with no evidence of compensation in free-living adults. *Obesity*, 27(9), 1418-1422. <https://doi.org/10.1002/oby.22577>
11. Tamborini, R., Grall, C., Prabhu, S., Hofer, M., Novotny, E., **Hahn, L.**, & Klebig, B., Kryston, K., Baldwin, J., Aley, M., & Sethi, N. (2018). Using attribution theory to explain the affective dispositions of tireless moral monitors toward narrative characters. *Journal of Communication*, 68(5), 842-871. <https://doi.org/10.1093/joc/jqy049>
10. Huskey, R., Bowman, N., Eden, A., Grizzard, M., **Hahn, L.**, Lewis, R., Matthews, N., Tamborini, R., Walther, J. B., & Weber, R. (2018). Things we know about media and morality. *Nature Human Behaviour*, 2, 315. <https://doi.org/10.1038/s41562-018-0349-9>
9. Weber, R., Mangus, J. M., Huskey, R., Amir, O., Swanson, R., Gordon, A., Khooshabeh, P., **Hahn, L.**, & Tamborini, R. (2018). Extracting moral foundations from text narratives: Relevance, challenges, and solutions. *Communication Methods and Measures*, 12(2-3), 119-139. <https://doi.org/10.1080/19312458.2018.1447656>
- Won 2018 Article of the Year Award from *Communication Methods and Measures*
8. Tamborini, R., Novotny, E., Prabhu, S., Hofer, M., Bente, G., Grall, C., Klebig, B., **Hahn, L.**, Slaker, J., Ratan, R. (2018). The effect of behavioral synchrony with black or white virtual agents on outgroup trust. *Computers in Human Behavior*, 83, 176-183. <https://doi.org/10.1016/j.chb.2018.01.037>
7. Tamborini, R., Hofer, M., Prabhu, S., Grall, C., Novotny, E., **Hahn, L.**, & Klebig, B. (2017). The impact of terror attack news on moral intuitions and outgroup prejudice. *Mass Communication and Society*, 20(6), 800-824. <https://doi.org/10.1080/15205436.2017.1342130>
6. **Hahn, L.**, Tamborini, R., Prabhu, S., Klebig, B., Grall, C., & Pei, D. (2017). The importance of altruistic versus egoistic motivations: A content analysis of conflicted motivations in children's television programming. *Communication Reports*, 30(2), 67-79. <https://doi.org/10.1080/08934215.2016.1251602>
5. Grizzard, M., Shaw, A. Z., Dolan, E. A., Anderson, K. B., **Hahn, L.**, & Prabhu, S. (2017). Does repeated exposure to popular media strengthen moral intuitions?: Exploratory evidence regarding consistent and conflicted moral content. *Media Psychology*, 20(4), 557-583. <https://doi.org/10.1080/15213269.2016.1227266>
4. Tamborini, R., **Hahn, L.**, Prabhu, S., Klebig, B., & Grall, C. (2017). The representation of altruistic and egoistic motivations in children's television programming. *Communication Research Reports*, 34(1), 58-67. <https://doi.org/10.1080/08824096.2016.1227312>

3. Tamborini, R., Bowman, N., Prabhu, S., **Hahn, L.**, Klebig, B., Grall, C., & Novotny, E. (2016). The effect of moral intuitions on decisions in video-game play: The role of temporary and chronic intuition accessibility. *New Media and Society*, 20(2), 564-580. <https://doi.org/10.1177/146144481666643>
2. Tamborini, R., Lewis, R. L. Prabhu, S., Grizzard, M., **Hahn, L.**, & Wang, L. (2016). Media's influence on the accessibility of altruistic and egoistic motivations. *Communication Research Reports*, 33(3), 177-187. <https://doi.org/10.1080/08824096.2016.1186627>
1. Grizzard, M., Tamborini, R., Sherry, J., Weber, R., Prabhu, S., **Hahn, L.**, & Idzik, P. (2015). The thrill is gone, but you might not know: Habituation and generalization of biophysiological and self-reported arousal responses to video games. *Communication Monographs*, 82(1), 64-87. <https://doi.org/10.1080/03637751.2014.971418>

B. Invited Book Chapters

* indicates graduate student first-author

7. *Lattimer, T., Andreeva, I., & **Hahn, L.** (In press). Entertainment media's effects on child audiences. In N. Bowman (Ed.), *Entertainment media and communication*. DeGruyter.
6. Frischlich, L., **Hahn, L.**, & Rieger, D. (In press). Inspiration. In A. Nai, D. Wirz, & M. Groemping (Eds.), *Encyclopedia of Political Communication*. Edward Elgar Publishing.
5. Grizzard, M. & **Hahn, L.** (2023). Character schemas and hero perception. In S.T. Allison, J.K. Beggan, and G.R. Goethals (Eds.), *Encyclopedia of heroism studies*. Springer.
4. Weber, R., Mangus, J. M., Huskey, R., Hopp, F. R., Amir, O., Swanson, R., Gordon, A.S., Khooshabeh, P., **Hahn, L.**, & Tamborini, R. (2021). Extracting latent moral information from text narratives: Relevance, challenges, and solutions. In W. van Atteveldt & W. Peng (Eds.), *Computational methods for communication science* (Volume 1, pp. 39 - 59). Routledge. This chapter is a reprint of an article originally published in *Communication Methods and Measures*, <https://doi.org/10.1080/19312458.2018.1447656>.
3. Tamborini, R., Grizzard, M., **Hahn, L.**, Kryston, K., & Ulusoy, E. (2021). The role of narrative cues in shaping ADT: What makes audiences think that good things happened to good people. In P. Vorderer and C. Klimmt (Eds.), *The Oxford handbook of entertainment theory*. Oxford University Press.
2. Tamborini, R., Hofer, M., Prabhu, S., Grall, C., Novotny, E., **Hahn, L.**, & Klebig, B. (2020). The impact of terror attack news on moral intuitions and outgroup prejudice. *Media, terrorism, and society: Perspectives and trends in the digital age*, (Volume 1, pp. 66-90). Routledge. This chapter is a reprint of an article originally published in *Mass Communication and Society*, <https://doi.org/10.1080/15205436.2017.1342130>
1. **Hahn, L.**, & Tamborini, R. (2020). Research on the model of intuitive morality and exemplars. In J. Van den Bulck (Ed.), *The international encyclopedia of media psychology*. Wiley-Blackwell.

Awards & Honors

- 2023 Top Paper Award presented by the Mass Communication Division of the International Communication Association.
- 2023 Top Paper Award presented by the Communication and Social Cognition Division of the National Communication Association.
- 2022 Reviewer of the Year Award presented by the Journal of Media Psychology.
- 2022 Top Paper Award presented by the Communication and Social Cognition Division of the National Communication Association.
- 2021 Top Paper Award presented by the Mass Communication Division of the National Communication Association.
- 2021 Top Theory Paper Award presented by the Association for Journalism and Mass Communication.
- 2021 Top Paper Award presented by the Communication Theory & Methodology Division of the Association for Journalism and Mass Communication.
- 2019 Top Paper Award presented by the Training and Development Division of the National Communication Association.
- 2018 Article of the Year Award from *Communication Methods and Measures*.
- 2017 Michigan State University Excellence-in-Teaching Citation Nominee.
- 2017 Top Paper Award presented by the Mass Communication Division of the National Communication Association.
- 2017 Top Paper Award presented by the Student Division of the National Communication Association.

Teaching & Research Supervision

A. *Research Lab*

- **Founder and Director**, Media Psychology and Morality Research Lab at the University at Buffalo. Interdisciplinary research group consisting of undergraduate and graduate students. <http://www.mediamoralitylab.org>

B. *Appointments*

- 2022 – 2024 **Honors College Faculty Fellow**, University at Buffalo
- 2017-2018 **Basic Course Coordinator**, Department of Communication, Michigan State University.

C. Courses Taught

- **Department of Communication, University at Buffalo (Faculty)**
 - o *Undergraduate courses*
 - Mass Media Effects
 - Mass Communication Theory
 - Media and Moral Panic
 - o *Graduate courses*
 - Mass Media Effects
 - Content Analysis
 - Statistics
- **Department of Communication, Michigan State University (Instructor of Record)**
 - o *Undergraduate courses*
 - Mass Media Effects
 - Research Methods
 - Honors Seminar on Media and Morality
 - Audience Response to Mass Media

D. Master's Thesis Advising

- Madeline Taggart (University at Buffalo, expected 2024)
- Dan Kulesza (University at Buffalo, expected 2024)
- Huiting Liu (University at Buffalo, 2023)
- Katherine Schibler (University at Buffalo, 2022)

E. Graduate Degree Committees

- Madison Neurohr (PhD, University at Buffalo, expected 2025)
- Stephanie Gillis (PhD, University at Buffalo, expected 2025)
- Zhuohui Yang (PhD; University at Buffalo, expected 2024)
- Prerna Shah (PhD; University at Buffalo, expected 2024)
- Emily Lapan (MA, University at Buffalo, 2023)
- Stephanie Gillis (MA, University at Buffalo, 2022)
- Melinda Aley (PhD; Michigan State University, 2022)

Professional Memberships & Activities

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| 2023- | Chair of Communication and Social Cognition Division of the National Communication Association. |
| 2023-2024 | Fellow , Questioning Reality Conference, University of Toronto. |
| 2022-2023 | Vice Chair of Communication and Social Cognition Division of the National Communication Association |
| 2024- | Editorial Board Member , <i>Communication Reports</i> |
| 2021- | Editorial Board Member , <i>Media Psychology</i> |

- 2021- **Editorial Board Member**, *Journal of Media Psychology*
- 2021- **Co-editor** of special issue on “Dark Inspiration and Media” for *Media and Communication*
- 2018 - **Member**, International Communication Association
- 2018 - **Member**, National Communication Association

Ad-hoc Reviewer

Journal of Communication, Communication Research, Human Communication Research, Journal of Media Psychology, Media Psychology, Journal of Children and Media, Journal of Conflict Resolution, Media and Communication, New Media and Society, Environmental Communication, Cyberpsychology, Behavior, and Social Networking, Judgment and Decision Making, Communication Studies, Communication Reports, Communication Research Reports, Routledge, International Communication Association, National Communication Association

University Service

- 2024 **Invited Speaker** for Undergraduate Orientation, University at Buffalo.
- 2023 **Invited Speaker** for Undergraduate Education Series on Faculty Development, University at Buffalo.
- 2023 **Faculty Representative**, New Student Welcome Weekend, University at Buffalo.
- 2023 **Committee member** for Ideal Bull Award, University at Buffalo.
- 2023 **Invited Speaker** for Undergraduate Orientation, University at Buffalo.
- 2023 **Committee member** for Honors College Presidential Scholarship, University at Buffalo.
- 2022 **Committee member** for Honors College Admissions, University at Buffalo.
- 2022 **Committee member** for Honors College Awards, University at Buffalo.
- 2022- **Faculty Member**, Intercollegiate Athletic Board, University at Buffalo.
- 2021- **Faculty Representative**, First-Year Seminar Committee, University at Buffalo.

Department Service

- 2022- **Administrator** for Undergraduate Subject Pool, Department of Communication, University at Buffalo.
- 2021- **Planner** for Brown-Bag Colloquium Series, Department of Communication, University at Buffalo.
- 2021- **Committee member** for the S.J. Cassata and Mary B. Cassata Communication Scholarship Fund, Department of Communication, University at Buffalo.

Community Service

- 2023 **Invited Speaker**, University at Buffalo Honors College Colloquium
- 2023 **Invited Speaker**, Panel on Misinformation and Extremism, Center for Information Integrity Conference at the University at Buffalo
- 2022 **Invited Speaker**, Charles Atkin Distinguished Speaker Series, Michigan State University
- 2022 **Invited Speaker**, Society & Computing Club, University at Buffalo
- 2021-2023 **Advisory Council Member** for The Center for Scholars and Storytellers.
- 2021 **Invited Speaker**, Center for Cognitive Science, University at Buffalo
- 2021 **Invited Speaker**, Society & Computing Club, University at Buffalo

Media Coverage & Interviews

15. “How Do Violent Extremists Persuade People to Join Their Causes?” Invited Blog Post on the Society for Personality and Social Psychology Character and Context Blog by Lindsay Hahn, December, 18 2023. Available at: https://web.archive.org/web/20231218160559/https://spsp.org/news/character-and-context-blog/hahn-violent-extremist-recruitment?_zs=SsXSe&_zl=Qpor3
14. “Why we fight: The moral roots of violent extremism” Invited Blog Post on Vox-Pol by Lindsay Hahn, November 29, 2023. Available at: <https://web.archive.org/web/20231204211131/https://www.voxpol.eu/why-we-fight-the-moral-roots-of-violent-extremism/>
13. “With ‘Wish’ release, some Disney fans say they’re nostalgic for classic villains.” By Kalhan Rosenblatt, NBC News, November 24, 2023. Available at: <https://web.archive.org/web/20231130161310/https://www.nbcnews.com/news/amp/rcna-124997>

12. “Predictable patterns in terrorist propaganda can provide foundation for effective counter messaging, according to UB research” By Bert Gambini, University at Buffalo News Center, September, 2023. Available at:
<https://web.archive.org/web/20230925152427/https://www.buffalo.edu/news/releases/2023/09/hahn-terrorist-propaganda.html>
11. “The network TV show renaissance has TikTok to thank” By CT Jones, Rolling Stone, September 15, 2023. Available at
<https://web.archive.org/web/20230925152604/https://www.rollingstone.com/culture/culture-features/tiktok-tv-shows-clips-popular-parts-1234825971/>
10. “UB study finds that cliffhangers keep audiences... [to be continued].” By Bert Gambini, University at Buffalo News Center, June 13, 2023. Available at:
<https://web.archive.org/web/20230925152758/https://www.buffalo.edu/news/releases/2023/06/hahn-cliffhangers.html>
9. “Seminar introduces students to research methods on media effects.” By Bert Gambini, University at Buffalo News Center, October 26, 2022. Available at
<https://web.archive.org/web/20221026132417/https://www.buffalo.edu/ubnow/stories/2022/10/hahn-level-up-class.html>
8. “Research review: Surprising results from UB study on media use and bedtime rituals.” By Buffalo Research News of the Clinical and Translational Science Institute, May 10, 2022. Available at:
<https://web.archive.org/web/20220510123036/https://www.buffalo.edu/ctsi/ctsi-news/buffalo-research-news/news.host.html/content/shared/www/ctsi/articles/buffalo-research-news/media-use-and-bedtime-rituals.detail.html>
7. “Scrolling before snoozing: Could it be beneficial?” By Carley Pendergast, Sleepopolis, February 10, 2022. Available at:
web.archive.org/web/20220211140129/https://sleepopolis.com/news/scrolling-before-snoozing-could-it-be-beneficial/
6. “It beats counting sheep. Media use before bed can be beneficial.” By Bert Gambini, University at Buffalo News Center, February 2, 2022. Available at
web.archive.org/web/20220211135832/http://www.buffalo.edu/news/releases/2022/02/015.html
5. “Morality demonstrated in stories can alter judgement for early adolescents” By Bert Gambini, University at Buffalo News Center, October 1, 2021. Available at:
<https://web.archive.org/web/20211001195405/http://www.buffalo.edu/news/releases/2021/10/002.html>
4. “A new theory that monitors the ethical motives of terrorist behavior.” By Tamer Hilali, *Scientific American*, January 31, 2019. Available at:

<https://web.archive.org/web/20220315131843/https://www.scientificamerican.com/arabic/articles/news/a-new-theory-that-monitors-ethical-motives-of-terrorist-behavior/>

3. “Faculty voice: Media and Kids.” By *MSU Today*, May 12, 2019. Available at: <https://msutoday.msu.edu/360/2019/lindsay-hahn-media-and-kids/>
2. “Constant Connection.” By Lisa Mulcrone, *MSU Today*, June 11, 2019. Available at: <https://msutoday.msu.edu/360/2019/constant-connection/>
1. “Ph.D. candidate researches media’s effects on children” By Katie Kochanny, *College of Communication Arts and Sciences at Michigan State University*, April 5, 2018. Available at: <https://comartsci.msu.edu/about/newsroom/news/phd-candidate-researches-medias-effects-children>