STEPHEN A. RAINS
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Education

University of Texas at Austin, Ph.D., Communication Studies, 2005

Illinois State University, M.S., Communication, 2001

Bradley University, B.S., Communication, 1999

Employment

2017 - Present	Professor, University of Arizona, Department of Communication Adjunct Professor, Department of Psychology (2014 - Present) Associate Research Member, Arizona Cancer Center (2015 - Present)
2011 - 2017	Associate Professor, University of Arizona, Department of Communication
2005 - 2011	Assistant Professor, University of Arizona, Department of Communication
2001 - 2005	Assistant Instructor, University of Texas at Austin, Department of Communication Studies
1999 - 2001	Graduate Teaching Assistant, Illinois State University, Department of Communication

Research Focus

My research is situated in the areas of health communication, social influence, and communication and technology. I am interested in better understanding how and why messages influence people, particularly in health contexts and when using communication technologies. My work in recent years has primarily focused on social support, although I routinely study digital coping, incivility, persuasion resistance, and related topics. I am especially interested in leveraging computational social science techniques to explore the dynamic communication processes involved in these phenomena.

Publications
*All co-authors were graduate students or postdoctoral scholars when the research was conducted.

Books

Rains, S. A. (2018). *Coping with illness digitally.* MIT Press.

Refereed Journal Articles

Kriss, L. A., Quick, B. L., **Rains, S. A.**, & Barbati, J. L. (in press). Psychological reactance theory and COVID-19 vaccine mandates: The roles of threat magnitude and direction of threat. *Journal of Health Communication.*

Quick, B. L., Kriss, L. A., **Rains, S. A.**, Sherlock-Jones, M., & Jang, M. (in press). An investigation into the portrayal of organ donation on Grey's Anatomy seasons 1 through 15. *Health Communication.*

Rains, S. A., Bonito, J. A., Lutovsky, B. R., Nemcova, K., Tsetsi, E., Ashtaputre, A., Pavlich, C. A., & Akers, C. (in press). Mutual influence in support seeking and provision behaviors during comforting conversations: A turn-level analysis. *Human Communication Research.*

*****Rains, S. A.**, & Carter, S. N. (in press). Psycholinguistic properties of informational support seeking posts in online health communities and predictors of community responsiveness. *Journal of Language and Social Psychology.*

Rains, S. A., Harwood, J., Shmargad, Y., Kenski, K., Coe, K., & Bethard, S. (in press). Engagement with partisan Russian troll tweets during the 2016 US presidential election. *Journal of Communication.*

Rains, S. A., Leroy, G., Warner, E. L., & Harber, P. (in press). Psycholinguistic markers of COVID-19 conspiracy tweets and predictors of tweet dissemination. *Health Communication.*

*****Rains, S. A.**, Pavlich, C. A., Tsetsi, E., Lutovsky, B. R., Ashtaputre, A., & Nemcova, K. (in press). Support seeking behavior during supportive conversations: The role of impression management concerns and the communication medium. *Communication Research.*

Van Stee, S., Yang, Q., & **Rains, S. A.** (in press). An empirical investigation of inadequate statistical reporting practices in communication meta-analyses and their consequences. *Communication Methods and Measures.*

Wright, P.J., Tokunaga, R.S., Perry, S.L., & Rains, S.A. (in press). Pornography and religiosity: Prediction and process. *Human Communication Research*.

*Yan, K., Barbati, J. L., Duncan, K. L., Warner, E. L., & **Rains, S. A.** (in press). Russian troll vaccine misinformation dissemination on Twitter: The role of political partisanship. *Health Communication.*

Refereed Journal Articles (Continued)

Banas, J. A., Palomares, N. A., Richards, A. S., Joyce, N., Keating, D. M., & **Rains, S. A.** (2022). When machine and bandwagon heuristics compete: Understanding users' responses to conflicting AI and crowdsourced fact-checking. *Human Communication Research, 48,* 430-461.

Colombo, P. M., Freylersyth, S., Sprinkle, M. M., Ernst, K. C., Yubeta, M., Barbati, J. L., Merchant, N., Iyengar, S., Crane, T. E., Oxnam, M., & **Rains, S. A.** (2022). Design and implementation of a health messaging protocol employed for use within a COVID-19 health dissemination platform. *Frontiers in Public Health, 10,* article 942795.

Ivanov, B., **Rains, S. A.**, Dillingham, L. L., Parker, K. A., Geegan, S., & Barbati, J. L. (2022). Role of threat and counterarguing in therapeutic inoculation. *Southern Communication Journal, 87,* 15-27.

Keating, D. M., Richards, A. S., Palomares, N. A., Banas, J. A., Joyce, N., & **Rains, S. A**. (2022). Titling practices and their implications in communication research 1970-2010: Cutesy cues carry citation consequences. *Communication Research, 49,* 627-648.

Rains, S. A., Colombo, P. M., Quick, B. L., & Kriss, L. A. (2022). State mask mandates and psychological reactance theory. *Social Science & Medicine, 314,* article 115479.

Rains, S. A., Harber, P., Warner, E. L., & Leroy, G. (2022). Public responses to COVID-19 mask mandates: Examining pro and anti-mask anger in tweets before and after state level mandates. *Communication Monographs, 89,* 539-557.

Rains, S. A., & Meng, J. (2022). Social enhancement and compensation in online social support among cancer patients: The role of social network properties. *Health Communication, 37,* 490-497.

Rains, S. A., & Scott, C. R. (2022). To identify or not to identify? That…depends on the context: Testing a model of receiver responses to anonymous communication. *Communication Reports, 35,* 78-91.

Shmargad, Y., Coe, C., Kenski, K., & **Rains, S. A.** (2022). Social norms and the dynamics of online incivility. *Social Science Computer Review, 40,* 717-735.

*Warner, E. L., Barbati, J. L., Duncan, K. L., Yan, K., & **Rains, S. A.** (2022). Vaccine misinformation types and properties in Russian troll tweets. *Vaccine, 40,* 953-960.

Barbati, J. L., **Rains, S. A.,** Ivanov, B., & Banas, J. A. (2021). Evaluating classic and contemporary ideas about persuasion resistance in inoculation theory: Argument strength, refutation strength, and forewarning. *Communication Research Reports, 38*(4), 272-281.

Hesse, C., Floyd, K., **Rains, S. A.**, Mikkelson, A. C., Pauley, P. M., Woo, N. T., Custer, B. E., & Duncan, K. L. (2021). Affectionate communication and health: A meta-analysis. *Communication Monographs, 88,* 194-218.

<u>Refereed Journal Articles (Continued)</u>

Meng, J., **Rains, S. A.**, & An, Z. (2021). How cancer patients benefit from support networks offline and online: Extending the model of structural-to-functional support. *Health Communication, 21,* 198-206.

***Rains, S. A.**, Ashtaputre, A., Nemcova, K., Lutovsky, B. R., Tsetsi, E., Pavlich, C. A., & Akers, C. (2021). The evolution of supportive conversations: Tracking within-discussion changes in support seeking and provision messages. *Communication Monographs, 88*(4), 483-505.

Rains, S. A., & High, A. C. (2021). The effects of person-centered social support messages on recipient distress over time within an interaction. *Journal of Communication, 71,* 380-402.

Rains, S. A., Shmargad, Y., Coe, K., Kenski, K., & Bethard, S. (2021). Assessing the Russian troll efforts to sow discord on Twitter during the 2016 U.S. election. *Human Communication Research, 47*(4), 477-486.

Turner, M. M., & **Rains, S. A.** (2021). Guilt appeals in persuasive communication: A meta-analytic review. *Communication Studies, 72,* 684-700.

Zhao, P., Lapierre, M., **Rains, S. A.**, & Segrin, C. (2021). When and why we disclose distress on SNSs: Perceived affordances, disclosure goals, and anticipated negative evaluations. *Computers in Human Behavior, 125,* article 106964.

Kenski, K., Coe, K., & **Rains, S. A.** (2020). Perceptions of uncivil discourse online: An examination of types and predictors. *Communication Research, 47,* 795-814.

Rains, S. A. (2020). Big data, computational social science, and health communication: A review and agenda for advancing theory. *Health Communication, 35,* 26-34.

***Rains, S. A.**, Akers, C., Pavlich, C. A., Tsetsi, E., Ashtaputre, A., & Lutovsky, B. R. (2020). The role of support seeker expectations in supportive communication. *Communication Monographs, 87,* 445-463.

Rains, S. A., Keating, D. M., Banas, J. A., Richards, A., & Palomares, N. A. (2020). The state and evolution and communication research. *Computational Communication Research, 2,* 203-234.

***Rains, S. A.**, Pavlich, C. A., Lutovsky, B., Tsetsi, E., & Ashtaputre, A. (2020). Support seeker expectations, support message quality, and supportive interaction processes and outcomes: The case of the comforting computer program revisited. *Journal of Social and Personal Relationships, 37,* 647-666.

***Rains, S. A.**, Pavlich, C. A., Tsetsi, E., & Akers, C. (2020). Evaluating the scope and theoretical mechanisms of person-centered support: The case of the comforting computer program. *Communication Research, 47,* 512-540.

Refereed Journal Articles (Continued)

*Tsetsi, E. L., & **Rains, S. A.** (2020). Inequality, social networks, and Internet use: Exploring the implications of the social diversification hypothesis. *Human Communication & Technology, 1,* 1-19.

Scott, C. R., & **Rains, S. A.** (2020). (Dis)connections in anonymous communication theory: Exploring conceptualizations of anonymity in communication research. *Annals of the International Communication Association, 44,* 385-400.

Yeshua-Katz, D., **Rains, S. A.**, Peterson, E. B., & Wright, K. B. (2020). Digital stigma coping strategies: A meta-analytic review of the association between health-related stigma dimensions and social support messages shared online. *The Information Society, 36,* 19-29.

Burke, T. J., & **Rains, S. A.** (2019). The paradoxical outcomes of observing others' exercise behavior on social network sites: Friends' exercise posts, exercise attitudes, and weight concern. *Health Communication, 34,* 475-483.

***Rains, S. A.**, Akers, C., Pavlich, C. A., Tsetsi, E., & Appelbaum, M. (2019). Examining the quality of social support messages produced face-to-face and in computer-mediated communication: The effects of hyperpersonal communication. *Communication Monographs, 86,* 271-291.

Rains, S. A., Hingle, M. D., Surdeanu, M., Bell, D., & Kobourov, S. (2019). A test of the risk perception attitude framework as a message tailoring strategy to promote diabetes screening. *Health Communication, 34,* 672-679.

***Rains, S. A.**, Tsetsi, E., Akers, C., Pavlich, C. A., & Appelbaum, M. (2019). Factors influencing the quality of social support messages produced online: The role of responsibility for distress and others' support attempts. *Communication Research, 46,* 866-886.

Richardson, B. K., **Rains, S. A.**, & Hall, C. (2019). Joining in, blowing the whistle, or intervening: Examining the effect of organizational identification and severity on Greek members' responses to hazing. *Oracl*e, *14,* 26-44.

Ivanov, B., Dillingham, L. L., Parker, K. A., **Rains, S. A.**, Burchett, M., & Geegan, S. (2018). Sustainable attitudes: Protecting tourism with inoculation messages. *Annals of Tourism Research, 73*, 26-34.

Loescher, L. J., **Rains, S. A.**, Kramer, S., Akers, C., & Moussa, R. (2018). A systematic review of mobile phone text messaging interventions to enhance healthy lifestyle behaviors in adolescents. *American Journal of Health Promotion, 32,* 865-879.

***Rains, S. A.**, & Brunner, S. R. (2018). The outcomes of broadcasting self-disclosure using new communication technologies: Responses to disclosure vary across one's social network. *Communication Research, 45,* 659-687.

Refereed Journal Articles (Continued)

Rains, S. A., Levine, T. R., & Weber, R. (2018). Sixty years of quantitative communication research summarized: Lessons from 149 meta-analyses. *Annals of the International Communication Association, 42,* 105-124.

Bolkan, S., & **Rains, S. A.** (2017). The legitimization of paltry contributions (LPC) as a compliance gaining technique: A meta-analysis testing three explanations. *Communication Research, 44,* 976-996.

Ivanov, B., **Rains, S. A.**, Geegan, S. A., Vos, S. C., Haarstad, N. D., & Parker, K. A. (2017). Beyond simple inoculation: Examining the persuasive value of inoculation for audiences with initially neutral or negative attitudes. *Western Journal of Communication, 81,* 105-126.

Pavlich. C. A., **Rains, S. A.,** & Segrin, C. (2017). The nonverbal bully: Effects of shouting and conversational distance on bystanders' perceptions. *Communication Reports, 30,* 129-141.

*****Rains, S. A.**, Brunner, S. R., Akers, C., Pavlich, C. A., & Goktas, S. (2017). Computer-mediated communication (CMC) and social support: Testing the effects of using CMC on support outcomes. *Journal of Social and Personal Relationships, 34,* 1186-1205.

Rains, S. A., Kenski, K., Coe, K., & Harwood, J. (2017). Incivility and political identity on the Internet: Intergroup factors as predictors of incivility in discussions of news online. *Journal of Computer-Mediated Communication, 22,* 163-178.

*****Rains, S. A.**, & Tsetsi, E. (2017). Social support and digital inequality: Does Internet use magnify or mitigate traditional inequities in support availability? *Communication Monographs, 84,* 54-74.

Rising, C., Bol, N., Burke-Garcia, A., **Rains, S. A.**, & Wright, K. B. (2017). Perceived stress in online prostate cancer community participants: Examining relationships with stigmatization, social support network preference, and social support seeking. *Journal of Health Communication, 22,* 469-476.

*Tsetsi, E., & **Rains, S. A.** (2017). Smartphone Internet access and use: Extending the digital divide and usage gap. *Mobile Media & Communication, 5,* 239-255.

van Ingen, E., **Rains, S. A.**, & Wright, K. B. (2017). Does social network site use buffer against well-being loss when older adults face reduced functional ability? *Computers in Human Behavior, 70,* 168-177.

Parker, K. A., **Rains, S. A.**, & Ivanov, B. (2016). Examining the "blanket of protection" conferred by inoculation: The effects of inoculation messages on the cross-protection of related attitudes. *Communication Monographs, 83,* 49-68.

Rains, S. A. (2016). Language style matching as a predictor of perceived social support in computer-mediated interaction among individuals coping with illness. *Communication Research, 43,* 694-712.

Refereed Journal Articles (Continued)

***Rains, S. A.**, Brunner, S. R., Akers, C., Pavlich, C. A., & Tsetsi, E. (2016). The implications of computer-mediated communication (CMC) for social support message processing and outcomes: When and why are the effects of support messages strengthened during CMC? *Human Communication Research, 42,* 553-576.

***Rains, S. A.**, Brunner, S. R., & Oman, K. (2016). Self-disclosure and new communication technologies: The implications of receiving superficial self-disclosures from friends. *Journal of Social and Personal Relationships, 33,* 42-61.

Rains, S. A., & Ruppel, E. K. (2016). Channel complementarity theory and the health information-seeking process: Further investigating the implications of source characteristic complementarity. *Communication Research, 43,* 232-252.

Rains, S. A., & Wright, K. B. (2016). Social support and computer-mediated communication: A state-of-the-art review and agenda for future research. *Annals of the International Communication Association, 40,* 175-211.

Tokunaga, R. S., & **Rains, S. A.** (2016). A review and meta-analysis examining conceptual and operational definitions of problematic Internet use. *Human Communication Research, 42,* 165-199.

*Keating, D. M., & **Rains, S. A.** (2015). Health blogging and social support: A three-year panel study. *Journal of Health Communication, 20,* 1449-1457.

***Rains, S. A.** & Brunner, S. R. (2015). What can we learn about social network sites by studying Facebook? A call and recommendations for research on social network sites. *New Media & Society, 17,* 114-131.

***Rains, S. A.**, & Keating, D. M. (2015). Health blogging: An examination of the outcomes associated with making public, written disclosures about health. *Communication Research, 42,* 107-133.

Rains, S. A., Peterson, E., & Wright, K. B. (2015). Communicating social support in computer-mediated contexts: A meta-analytic review of content analyses examining support messages shared online among individuals coping with illness. *Communication Monographs, 82,* 403-430.

Rains, S. A., & Tukachinsky, R. (2015). An examination of the relationships among uncertainty, appraisal, and information-seeking behavior proposed in uncertainty management theory. *Health Communication, 30,* 339-349.

***Rains, S. A.**, & Tukachinsky, R. (2015). Information seeking in uncertainty management theory: Exposure to information about medical uncertainty and information-processing orientation as predictors of uncertainty management success. *Journal of Health Communication, 20,* 1275-1286.

Refereed Journal Articles (Continued)

Coe, K., Kenski, K., & **Rains, S. A**. (2014). Online and uncivil? Patterns and determinants of incivility in newspaper website comments. *Journal of Communication, 64,* 658-679.

Rains, S. A. (2014). Health information seeking and the World Wide Web: An uncertainty management perspective. *Journal of Health Communication, 19,* 1296-1307.

Rains, S. A. (2014). The implications of stigma and anonymity for self-disclosure in health blogs. *Health Communication, 29,* 23-31.

Wright, K. B., & **Rains, S. A.** (2014). Weak tie support preference and coping style as predictors of perceived credibility within health-related on-line support groups. *Health Communication, 29,* 281-287.

Rains, S. A. (2013). The nature of psychological reactance revisited: A meta-analytic review. *Human Communication Research, 29,* 47-73.

Wright, K. B., & **Rains, S. A.** (2013). Weak tie support network preference, stigma, and health outcomes in computer-mediated support groups. *Journal of Applied Communication Research, 41,* 309-324.

*Ruppel, E. K., & **Rains, S. A.** (2012). Information sources and the health information-seeking process: An application and extension of channel complementarity theory. *Communication Monographs, 79,* 358-405.

***Rains, S. A.**, & Keating, D. M. (2011). The social dimension of blogging about health: Health blogging, social support, and well-being. *Communication Monographs, 78,* 511-534.

Scott, C. R., **Rains, S. A.**, & Haseki, M. (2011). Anonymous communication: Unmasking findings across fields. *Annals of the International Communication Association, 35,* 299-340.

Stephens, K. K., & **Rains, S. A.** (2011). Information and communication technology sequences and message repetition in interpersonal interaction. *Communication Research, 38,* 101-122.

Banas, J. A., & **Rains, S. A.** (2010). A meta-analysis of research on inoculation theory. *Communication Monographs, 77,* 281-311.

*Tokunaga, R. S., & **Rains, S. A.** (2010). An evaluation of two characterizations of the relationships between problematic Internet use (PIU), time spent using the Internet, and psychosocial problems. *Human Communication Research, 36,* 512-545.

Wright, K. B., **Rains, S. A.**, & Banas, J. A. (2010). Weak tie support network preference and computer-mediated support groups. *Journal of Computer-Mediated Communication, 15,* 606-624.

Refereed Journal Articles (Continued)

Turner, M. M., Banas, J. A., **Rains, S. A.**, Jang, S., Moore, J. L., & Morrison, D. (2010). The effects of altercasting and counterattitudinal behavior on compliance: A lost letter technique investigation. *Communication Reports, 23,* 1-13.

*****Rains, S. A.**, & Bosch, L. A. (2009). Privacy and health in the Information Age: A content analysis of health website privacy policy statements. *Health Communication, 24,* 435-447.

*****Rains, S. A.**, & Donnerstein, C. K. (2009). Health information seeking and perceptions of website credibility: Examining Web-use motivation, message characteristics, and structural features of websites. *Computers in Human Behavior,* 25, 544-553.

Rains, S. A., Tumlin, G. T., & Knapp, M. L. (2009). Electronic bumper stickers: The content and interpersonal functions of messages attached to e-mail signatures. *Discourse Studies, 11,* 105-120.

*****Rains, S. A.**, & Young, V. (2009). A meta-analysis of research on formal computer-mediated support groups: Examining group characteristics and health outcomes. *Human Communication Research, 35,* 309-336.

D'Urso, S. D., & **Rains, S. A.** (2008). Examining the scope of channel expansion: A test of channel expansion theory with new and traditional communication media. *Management Communication Quarterly, 21,* 486-507.

Rains, S. A. (2008). Health at high speed: Broadband Internet access, health communication, and the digital divide. *Communication Research, 35,* 283-97.

Rains, S. A. (2008). Seeking health information in the Information Age: The role of Internet self-efficacy. *Western Journal of Communication, 72,* 1-18.

Rains, S. A., & Scott, C. R. (2007). To identify or not to identify: A theoretical model of receiver responses to anonymous communication. *Communication Theory*, 17, 61-91.

Rains, S. A., & Turner, M. M. (2007). Psychological reactance and persuasive health communication: A test and extension of the intertwined model. *Human Communication Research, 33,* 241-269.

Rains, S. A. (2007). Perceptions of traditional information sources and use of the World Wide Web to seek health information: Findings from the Health Information National Trends Survey. *Journal of Health Communication, 12,* 667-680.

Rains, S. A. (2007). The anonymity effect: The influence of anonymity on perceptions of sources and information on health websites. *Journal of Applied Communication Research, 35,* 197-214.

Rains, S. A. (2007). The impact of anonymity on perceptions of source credibility and influence in computer-mediated group communication: A test of two competing hypotheses. *Communication Research, 34,* 100-125.

Refereed Journal Articles (Continued)

Rains, S. A., & Young, A. M. (2006). A sign of the times: An analysis of organizational members' email signatures. *Journal of Computer-Mediated Communication, 11*, 1046-1061.

Rains, S. A. (2005). Leveling the organizational playing field–virtually: A meta-analysis of experimental research assessing the impact of group support system use on member influence behaviors. *Communication Research, 32,* 193-234.

Scott, C. R., & **Rains, S. A.** (2005). Anonymous communication in organizations: Assessing use and appropriateness. *Management Communication Quarterly, 19,* 157-197.

Refereed Conference Proceedings

Ozler, K. B., Kenski, K., **Rains, S.**, Shmargad, Y., Coe, K., & Bethard, S. (2020). Fine-tuning BERT for multi-domain and multi-label uncivil language detection. *Proceedings of the Fourth Workshop on Online Abuse and Harms* (pp. 28-33). Association for Computational Linguistics.

Sadeque, F., **Rains, S.**, Shmargad, Y., Kenski, K., Coe, K., & Bethard, S. (2019). Incivility detection in online comments. *Proceedings of the Eighth Joint Conference on Lexical and Computational Semantics* (pp. 283-291). Association for Computational Linguistics.

Invited Journal Articles

Rains, S. A., Crane, T. E., Iyengar, S., Merchant, N., Oxnam, M., Sprinkle, M. M., & Ernst, K. C. (2020). Community-level health promotion during a pandemic: Key considerations for health communication. *Health Communication, 35,* 1747-1749.

Rains, S. A., Matthes, J., & Palomares, N. A. (2020). Communication science and meta-analysis: Introduction to the special issue. *Human Communication Research, 46,* 115-119.

Rains, S. A. (2019). One the opportunity and value of an NCA journal dedicated to communication and technology: Quantifying a missed opportunity. *Human Communication & Technology, 1,* 4-8.

Chapters in Scholarly Books

Rains, S. A. (in press). Groups in health contexts: Online health communities. In T. Reimer, E. Park., & J. Bonito (Eds.), *Group communication: An advanced introduction*. Routledge/Taylor and Francis.

Chapters in Scholarly Books (Continued)

Rains, S. A., & Tokunaga, R. S. (in press). The role of emotion in maladaptive Internet use: Internet addiction, problematic Internet use, and deficient self-regulation. In J. G. Myrick & R. L. Nabi (Eds.), *Our online emotional selves.* Oxford University Press.

*****Rains, S. A.**, & Nemcova, K. (2021). Health-related self-disclosure online: Emotion expression by one online community member across 460 posts. In C. Liberman & K. B. Wright (Eds.), *Casing mediated communication*. Kendall Hunt.

Rains, S. A. (2019). Communication technology affordances and the production of social support messages. In N. Egbert and K. B. Wright (Eds.), *Social support and health in the digital age* (pp. 29-46). Lexington Books.

Kenski, K.**,** Coe, K., & **Rains, S. A.** (2019). Perceptions of incivility in public discourse. In R. G. Boatright, T. J. Shaffer, S. Sobieraj, & D. G. Young (Eds.), *A crisis of civility? Contemporary research on civility, incivility, and political discourse* (pp. 45-60). Routledge.

Rains, S. A. (2015). Social support. In D. K. Kim & J. W. Dearing (Eds.), *Health communication measures* (pp. 223-232). Peter Lang.

*****Rains, S. A.**, Brunner, S. R., & Oman, K. (2014). Social media and risk communication. In H. Cho, T. Reimer, & K. McComas (Eds.), *The Sage handbook of risk communication* (pp. 228-240). Sage.

Rains, S. A., & Scott, C. R. (2005). Virtual teams in the traditional classroom: Lessons on new communication technologies and training. In S. Ferris & S. Godar (Eds.), *Teaching and learning with virtual teams* (pp. 268-292). The Idea Group.

Encyclopedia Entries

Rains, S. A. (2022). Health blogging. In E. Ho, C. Bylund, & J. van Weert (Eds.), *The International encyclopedia of health communication*. Wiley.

Yang, Q., & **Rains, S. A.** (2022). Computational health communication. In E. Ho, C. Bylund, & J. van Weert (Eds.), *The International encyclopedia of health communication*. Wiley.

Rains, S. A. (2018). Blogging, microblogging and exposure to health and risk messages. In R. Parrott, *Encyclopedia of health and risk message design and processing*. Oxford University Press.

Rains, S. A., & Bonito, J. A. (2017). Adaptive structuration theory. In C. R. Scott & L. Lewis (Eds.), *International encyclopedia of organizational communication* (pp. 1-9). Wiley Blackwell.

*****Keating, D. M., & Rains, S. A.** (2014). Expressive writing and health. In T. L. Thompson (Ed.), *Encyclopedia of health communication* (pp. 475-476). Sage.

Encyclopedia Entries (Continued)

Rains, S. A. (2014). Communication, computer-mediated support, and satisfaction with health. In A. C. Michalos (Ed.), *Encyclopedia of quality of life and well-being research* (pp. 1018-1020). Springer.

Rains, S. A. (2014). Health blogging. In T. L. Thompson (Ed.), *Encyclopedia of health communication* (pp. 546-547)*.* Sage.

Rains, S. A. (2014). Theoretical frameworks, communication technology. In T. L. Thompson (Ed.), *Encyclopedia of health communication* (pp. 1387-1390)*.* Sage.

Electronic Publications (Not Refereed)

Rains, S. A., Peterson, E., & Wright, K. B. (2015). Seeking social support in the information age: What types of support messages do people coping with illness receive online? *Communication Currents, 10(6).* http://www.communicationcurrents.com

*Rains, S. A., & Keating, D. M. (2011). Health blogging, social support, and well-being. *Communication Currents, 6(6).* http://www.communicationcurrents.com

Rains, S. A. (2007). Anonymity and health information on the World Wide Web. *Communication Currents, 2(3).* http://www.communicationcurrents.com

White Papers

Rains, S., Shmargad, Y., Kenski, K., Coe, K., Ozler, B., & Bethard., S. (2019). *Local governance, civil discourse, and social media: Charting incivility from and directed at Tucson-area elected officials*. Making Action Possible in Southern Arizona (MAP Dashboard). Available at: https://mapazdashboard.arizona.edu/article/local-governance-civil-discourse-and-social-media-charting-incivility-and-directed-tucson

Scholarly Presentations

Conference Presentations (2019 - 2021)
*All co-authors were graduate students when the study was conducted.

Barbati, J. L., **Rains, S. A.,** Ivanov, B., & Banas, J. A. (2021). Evaluating classic and contemporary ideas about persuasion resistance in inoculation theory: Argument strength, refutation strength, and forewarning. Paper presented at the National Communication Association's annual conference, Seattle, WA.

Ivanov, B., **Rains, S. A.,** Dillingham, L. L., Parker, K. A., Geegan, S., & Barbati, J. L. (in press). Beyond the context of resistance: The role of threat and counterarguing in therapeutic inoculation. Paper presented at the National Communication Association's annual conference, Seattle, WA.

Yan, K., Barbati, J. L., Duncan, K. L., Warner, E. L., & **Rains, S. A.** (2021). Unpacking Russian trolls' vaccine misinformation dissemination on Twitter: The role of political partisanship. Paper presented at the National Communication Association's annual conference, Seattle, WA.

Rains, S. A., & Scott, C. R. (in press). To identify or not to identify? That…depends on the context: Testing a model of receiver responses to anonymous communication. Paper presented at the International Communication Association's (virtual) annual conference.

Zhao, P., Lapierre, M., **Rains, S. A.,** & Segrin, C. (2021). When and why we disclose distress on SNSs: Perceived affordances, disclosure goals, and anticipated negative evaluations. Paper presented at the International Communication Association's (virtual) annual conference.

Hesse, C., Floyd, K., **Rains, S. A.,** Mikkelson, A. C., Pauley, P. M., Woo, N. T., Custer, B. E., & Duncan, K. L. (2020). Affectionate communication and health: A meta-analysis. Paper presented at the National Communication Association's annual conference, Indianapolis, IN.

High, A. C., & **Rains, S. A.** (2020). The effects of person-centered social support messages on recipient distress over time within a conversation. Paper presented at the National Communication Association's annual conference, Indianapolis, IN.

*****Rains, S. A.,** Akers, C., Pavlich, C. A., Tsetsi, E., Ashtaputre, A., & Lutovsky, B. R. (2020). The role of support seeker expectations in supportive communication. Paper presented at the National Communication Association's annual conference, Indianapolis, IN.

*****Rains, S. A.,** Ashtaputre, A. E., Nemcova, K., Lutovsky, B., Tsetsi, E. L., Pavlich, C. A. (2020). The evolution of supportive conversations: Tracking within-discussion changes in support seeking and provision messages. Paper presented at the National Communication Association's annual conference, Indianapolis, IN.

Yang, Q., Van Stee, S., Ledford, J., & **Rains, S. A.** (2020). Comprehensive model of information seeking: A meta-analysis. Paper presented at the National Communication Association's annual conference, Indianapolis, IN.

Conference Presentations (Continued)

Rains, S. A., Keating, D. M., Banas, J. A., Richards, A., & Palomares, N. A. (2020). The state and evolution and communication research. Paper presented at the International Communication Association's annual conference, Gold Coast, Australia.

Keating, D. M., Richards, A. S., Palomares, N. A., Banas, J. A., Joyce, N., & **Rains, S. A**. (2019). Titling practices ant their implications in communication research 1970-2010: Cutesy cues carry citation consequences. Paper presented at the National Communication Association's annual conference, Baltimore, MD.

Rains, S. A. (2019). One the opportunity and value of an NCA journal dedicated to communication and technology: Quantifying a missed opportunity. Paper presented at the National Communication Association's annual conference, Baltimore, MD.

*****Rains, S. A.,** Pavlich, C. A., Lutovsky, B., Tsetsi, E., & Ashtaputre, A. (2019). Support seeker expectations, support message quality, and supportive interaction processes and outcomes. Paper presented at the International Communication Association's annual conference, Washington D.C.

*****Rains, S. A.,** Pavlich, C. A., Tsetsi, E., & Akers, C. (2019). Evaluating the scope and theoretical mechanisms of person-centered support: The case of the comforting computer program. Paper presented at the National Communication Association's annual conference, Baltimore, MD.

Invited Presentations

2017	Department of Communication, Illinois State University
2017	Department of Communication Arts & Sciences, Pennsylvania State University
2016	Department of Sociology, University of Arizona
2016	Center for Digital Society and Data Studies, University of Arizona
2014	Department of Communication Arts & Sciences, Pennsylvania State University
2014	Department of Psychology, University of Arizona
2012	Department of Sociology, University of Arizona
2011	Campus Health Service, University of Arizona
2010	School of Information Resources and Library Sciences, University of Arizona
2009	Department of Management Information Systems, University of Arizona
2009	Sexual Violence Prevention and Education Programs, Arizona Department of Health

Grants and Contracts

<u>Ongoing</u>

2021 - 2024   Centers for Disease Control / Arizona Department of Health Services. Title: COVID-19 Health Disparities (#CTR056154): AHEAD AZ Advancing Health Equity, Addressing Disparities in Arizona. Role: Co-I (PI: D. Derksen). Amount: $8.1M.

2021 - 2025   National Library of Medicine / National Institutes of Health. Title: Audio Generation and Optimization from Existing Resources for Patient Education (#R01LM011975). Role: Co-I (PI: G. Leroy; Co-Is: P. Harber, D. Kauchak, J. Stone). Amount: $1.4M.

<u>Completed</u>

2020 - 2021   Research, Innovation and Impact (RII) Campus Reopening Initiative, University of Arizona. Title: The Effectiveness of Social Norm Interventions on Promoting Campus COVID-19 Prevention Behaviors. Role: Co-I (PI: R. Liu; Co-Is: Y. Cheng, T. Crane, & K. Ernst). Amount: $35,000.

2019 - 2021   National Institute for Civil Discourse. Title: Detecting Incivility in 2020 Presidential Primary Candidate Social Media Posts Utilizing Interdisciplinary Methods. Role: Co-I (PI: K. Kenski; Co-Is: S. Bethard, K. Coe, & Y. Shmargad). Amount: $25,000.

2019   Economic and Business Research Center, University of Arizona. Title: Local Governance, Civil Discourse, and Social Media: Charting Incivility From and Directed at Tucson's Elected Officials. Role: PI (Co-Is: Y. Shmargad, K., Kenski, K. Coe, F. Sadeque, & S. Bethard. Amount: $7,500.

2017   University of Arizona (Accelerate for Success Initiative). Title: Large-Scale Non-Invasive Detection of Type 2 Diabetes Risk Through Machine Learning and Visualization on Social Media. Role: Co-PI (PIs: M. Surdeanu, M. Hingle, & S. Kobourov). Amount: $97,356.

2014 - 2015   National Library of Medicine (subcontractor: Center for Public Service Communications). Title: Texting for Teens about Skin Cancer Prevention. Role: Co-I (PI: R. Harris;). Amount: $103,500.

2011 - 2012   American Cancer Society/Arizona Cancer Center Institutional Research Grant (IRG7400134). Title: Seeking Skin Cancer Information on the World Wide Web: Examining the Content and Outcomes of Information Searches. Role: PI. Amount: $30,000.

Completed (Continued)

2011 - 2012   National Institute for Civil Discourse. Title: Patterns and Determinants of Civility in Online Discussions. Role: Co-PI (Co-PIs: K. Kenski & K. Coe) Amount: $7,500.

Honors and Awards

2023   Ranked among the top 1% of most productive Communication scholars during 2017-2021 based on total number of refereed articles published in 24 Communication journals; ranked among the top 1% of most productive scholars based on refereed publications in *Human Communication Research*, *Journal of Communication*, *Communication Monographs*, and *Communication Research* during the same time period (source: https://doi.org/10.1080/03634523.2022.2160473).

2023   Top Competitive Paper Award (with S. Carter & J. Harwood)– Intergroup Communication Interest Group, International Communication Association

2022   Top Four Competitive Paper Award (with J. Banas, N. Joyce, A. Richards, N. Palomares, & D. Keating)– Social Cognition Division, National Communication Association

2022   Top Four Competitive Paper Award (with J. Banas, N. Joyce, A. Richards, N. Palomares, & D. Keating)– Communication and Technology Division, International Communication Association

2020   Top Four Competitive Paper Award (with C. Hesse, K. Floyd, A. Mikkelson, P. Pauley, N. Woo, B. Custer, & K. Duncan)– Interpersonal Communication Division, National Communication Association

2018   Top Four Competitive Paper Award (with E. Tsetsi, C. Pavlich, C. Akers, & M. Appelbaum)– Interpersonal Communication Division, International Communication Association

2018   Top Five Competitive Paper Award (with B. Ivanov, L. Dillingham, K. Parker, M. Burchett, & S. Geegan)– Applied Communication Division, National Communication Association

2017   Ranked among the top 1% of most productive Communication scholars during 2012-2016 based on total number of refereed articles published in 24 Communication journals; ranked among the top 1% of most productive scholars based on refereed publications in *Human Communication Research*, *Journal of Communication*, *Communication Monographs*, and *Communication Research* during the same time period (source: https://doi.org/10.1080/03634523.2017.1385820).

Honors and Awards (Continued)

2017   Outstanding Graduate Alumni Achievement Award, School of Communication, Illinois State University

2017   Outstanding Reviewer Award, *Communication Research*

2012   Ranked among the top 1% of most productive Communication scholars during 2007-2011 based on total number of refereed articles published in 24 Communication journals; ranked among the top 1% of most productive scholars based on refereed publications in *Human Communication Research*, *Journal of Communication*, *Communication Monographs*, and *Communication Research* during the same time period (source: https://doi.org/10.1080/03634523.2012.699080).

2007   Top Four Competitive Paper Award (with L. Bosch)– Human Communication and Technology Division, National Communication Association

2006   Laura Crowell Dissertation Award, Group Communication Division, National Communication Association

2006   Top Four Competitive Paper Award (with C. Donnerstein)– Human Communication and Technology Division, National Communication Association

2005   Department of Communication Studies Outstanding Ph.D. Student Award, University of Texas at Austin

2003   University Continuing Fellowship, University of Texas at Austin

2002   Top Four Competitive Paper Award (with C. R. Scott)– Organizational Communication Division, National Communication Association

2002   Department of Communication Studies Outstanding First Year Ph.D. Student Award, University of Texas at Austin

2001   Cooper Outstanding Graduate Teaching Assistant in a M.A. Program Award, Central States Communication Association

2001   Top Student Paper– Interpersonal Communication Division, National Communication Association

2001   Department of Communication Outstanding Master's Thesis Award, Illinois State University

Teaching Experience (University of Arizona)

<u>Courses Taught</u>

Undergraduate
Communication and Technology Theory
Introduction to Communication and Technology (traditional and online versions)
Persuasion (traditional and online versions)

Graduate
Advanced Communication Research Methods: Data Management in R
Communication and Technology
Health Communication
Persuasion

<u>Graduate Advising</u>

Graduate Advising
Jules Barbati (Ph.D., in progress)
Shelby Carter (Ph.D., in progress)
Katerina Nemcova (Ph.D., in progress)
Levi Ross (M.A., in progress)
Bethany Lutovsky (Ph.D., 2022)
Eric Tsetsi (M.A., 2016; Ph.D., 2020)
Anjali Ashtaputre (M.A., 2019)
Chelsie Akers (Ph.D., 2017)
Steven Brunner (Ph.D., 2015)
Corey Pavlich (M.A., 2014)
Kyle Oman (M.A., 2013)
Robert Tokunaga (Ph.D., 2012) Recipient: Herbert S. Dordick Dissertation Award, Communication
    and Technology Division, International Communication Association
Erin Ruppel (Ph.D., 2011)

Masters Committee Membership

Shelby Carter (M.A., 2021)	Caroline Duff (M.A., 2012)
Pengfei Zhao (M.A., 2020)	Joanna Jaramillo (M.A., 2012)
Kaylin Duncan (M.A., 2018)	Amy Bauer (M.A., 2011)
Kun Yan (M.A., 2018)	G'Kyshia Hill (M.A., 2011)
Sam Stanley (M.A., 2016)	Lilian Jacques (M.A., 2010)
Rachel Hahn (M.A., 2015)	Amanda LaCasse (M.A., 2010)
Sung Kim (M.A., 2015)	Erin Blecha (M.A., 2009)
Drew Miller (M.A., 2015)	Isabel Garreaud (M.A., 2009)
Jun Xiang (M.A., 2015)	Mike Rietzes (M.A., 2009)
Christine Filer (M.A., 2013)	Aimee King (M.A., 2008)
Sheila Springer (M.A., 2012)	Erin Ruppel (M.A., 2007)

Doctoral Committee Membership

Jeanette Mare (in progress)	Nicholle Zarkower (Ph.D., 2016)
Kun Yan (in progress)	Bethany Conway (Ph.D., 2015)
Kaylin Duncan (Ph.D., 2022)	Stephanie Smith (Ph.D., 2015)
Jian Jiao (Ph.D., 2022)	Jessica Castonguay (Ph.D., 2014)
Larissa Terán (Ph.D., 2022)	Nick Joyce (Ph.D., 2014)
Nate Woo (Ph.D., 2022)	Monica Gallegos (Ph.D., 2013)
Yejin Shin (Ph.D., 2021)	Jessica Wang (Ph.D., 2013)
Ben Custer (Ph.D., 2020)	Tricia Burke (Ph.D., 2012)
Christine Filer (Ph.D., 2020)	Michelle Dunivan (Ph.D., 2012)
Sara Kim (Ph.D., 2020)	Chris McKinley (Ph.D., 2010)
Chien-Yu Chen (Ph.D., 2019)	Stacey Passalacqua (Ph.D., 2010)
CJ Kim (Ph.D., 2018)	Ola Kopacz (Ph.D., 2006)
Seth Bradshaw (Ph.D., 2016)	

Doctoral Committee Membership (Students in other Departments)
Sav Schlauderaff (in progress), Gender and Women's Studies
Maria Del Mar Navarro (in progress), Graduate Interdisciplinary Program
Soe Yoon Choi (Ph.D., 2018), Department of Communication, Rutgers University

Minor Advisor for Doctoral Students
Sam Scovill, School of Sociology (minor completed, 2019)
Bruce Fulton, School of Information Resources and Library Sciences (minor completed, 2012)
Ana Celia Hernandez-Martinez, Public Health (minor completed, 2012)
Ada Dieke, Public Health (minor completed, 2011)

Undergraduate Advising
Undergraduate Honors Project Supervision
Christina Petsas (2016)
Selin Goktas (2014)
Sheila Dong (2013)
David Keating (2009)

Service

Service heading — National/International Service

<u>National/International Service</u>

Editor	2023 - Present	*Communication Research*
Associate Editor	2016 - 2019	*Human Communication Research*
Guest Editor	2020	*Human Communication Research* (special issue on meta-analysis)
Editorial Board Member	2019 - Present	*Human Communication & Technology*
	2020 - 2022	*Journal of Communication*
	2019 - 2022	*European Journal of Health Communication*
	2019 - 2022	*Human Communication Research*
	2016 - 2022	*Communication Monographs*
	2014 - 2022	*Health Communication*
	2014 - 2022	*Journal of Applied Communication Research*
	2013 - 2022	*Journal of Computer-Mediated Communication*
	2012 - 2022	*Communication Research*
	2008 - 2010	*Journal of Applied Communication Research*
Journal Reviewer (2020-2022)	2022	26 journal reviews completed
	2021	31 journal reviews completed
	2020	27 journal reviews completed
External Reviewer for Promotion/Tenure Cases (2020-2022)	2022	2 reviews completed
	2021	5 reviews completed
	2020	1 review completed

<u>Departmental Service</u>

2021- Present	Member of the Department of Communication's Faculty Evaluation Committee
2016 - 2018	Member of the Department of Communication's Graduate Education Committee
2013 - 2016	Member of the Department of Communication's Faculty Evaluation Committee
2014 - 2015	Search Committee Chair (for Assistant Professor of Communication)
2007 - 2015	Director of the Undergraduate Honors Program in Communication
2007 - 2015	Faculty Supervisor for Lambda Pi Eta, the Honor Society of the National Communication Association

Departmental Service (Continued)

2006 - 2015	Member of the Department of Communication's Undergraduate Education Committee
2013 - 2014	Member of the Department of Communication's Academic Program Review Committee
2012 - 2013	Member of the Five-Year Review Committee for the Communication Department Head
2010 - 2011	Interim Director of Undergraduate Studies for the Department of Communication
2008 - 2010	Member of the Department of Communication's Colloquium Planning Committee

College/University Service

2020 - Present	Leadership Committee and Health Messaging Oversight for AZCOVIDTXT (https://azcovidtxt.org/)
2020	Member of the Wildcat WellCheck Development Team
2017 - Present	Advisory Board Member for the Computational Social Science Graduate Certificate Program
2016 - Present	Faculty Advisory Board Member for the Center for Digital Society and Data Studies
2015 - Present	Advisory Board Member for the Behavioral Measurement and Interventions Shared Resource at the University of Arizona Cancer Center
2012 - 2013	Member of the Dean's Audit Committee for Faculty Performance Evaluations
2007 - 2008	Reviewer for the College of Social and Behavioral Sciences' Unit Research Activity Funding (URAF) Award