KERK FONG KEE, PH.D.
COLLEGE OF MEDIA & COMMUNICATION
TEXAS TECH UNIVERSITY
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EDUCATION

Ph.D. in Communication Studies (2010), The University of Texas at Austin.
　　Specialization: Organizational Communication
　　Dissertation: *The Rationalities behind the Adoption of Cyberinfrastructure for e-Science in the Early 21st Century U.S.*
　　Advisor: Larry D. Browning (Organizational Communication).
　　Committee Members: Dawna I. Ballard (Organizational Communication), Keri K. Stephens (Organizational Communication), Ron E. Rice (Communication, UC Santa Barbara), and Jay R. Boisseau (Director, Texas Advanced Computing Center)

M. A. in Liberal Arts & Sciences (MALAS)/ Interdisciplinary Studies (2006), San Diego State University.
　　Thesis: *Human Consciousness in the Contact Zone between the Sciences and the Humanities.*
　　Advisor: Stephen W. B. Roeder (MALAS, Physics, and Chemistry).
　　Committee Members: Brian Spitzberg (Communication), David Christian (History of Science), Anthony Huntley (Biological Sciences, Saddleback College)

M. A. in Communication Studies (2003), San Diego State University.
　　Thesis: *Faculty's Initial Adoption of Blackboard Technology Cluster as an Innovation: Individual Variables as Predictors/Non-Predictors of Early Adoption Time*.
　　Advisor: Susan A. Hellweg (Organizational Communication)
　　Committee Members: David Dozier (Public Relations), Allison Rossett (Educational Technology)

B. S. in Mechanical Engineering (2000), University of Nebraska-Lincoln.
　　Senior Design Project: *Automated Spot-Welding System* (with Tony Vejraska and Josh Reeson).
　　Minor: Communication Studies.

ACADEMIC APPOINTMENT

Fall 2019 – Present	**Associate Professor** (with tenure), Department of Professional Communication, College of Media and Communication, Texas Tech University.
Fall 2016 – 2019	**Associate Professor** (with tenure), School of Communication, Chapman University, Orange, California. [Faculty Video Profile]
July 2016	**Academic Visitor**, Oxford Internet Institute, University of Oxford, United Kingdoms
Fall 2010 – 2016	**Assistant Professor**, Department of Communication Studies, Wilkinson College of Arts, Humanities, & Social Sciences, Chapman University, Orange, California.

RESEARCH IMPACT MEASURES

- Total Citations: 5,370, h-index: 15; i10-index: 17 (as of November 1, 2020, compiled by Google Scholar)

RESEARCH INTERESTS

- Diffusion of Innovations (i.e., social media, collaborative cyberinfrastructure, etc.)
- Organizational and emerging technologies
- Health communication strategies
- Environmental and conservation messages

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EXTERNAL RESEARCH GRANTS
(N=7; Individually Funded Total = US$1,299,889.97, Excluding Collaborators' Amounts)

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2020-2022   **Collaborative Research: EAGER: Leveraging Advanced Cyberinfrastructure and Developing Organizational Resilience for NSF Large Facilities in the Pandemic Era** (Collaborative Grant, US$299,491.00, **TTU PI Kee**'s portion: US$169,491). Office of Advanced Cyberinfrastructure, Computer and Information Science and Engineering Directorate, National Science Foundation. Collaborators: PI Kerk Kee (Texas Tech University), and PI Ewa Deelman (U of Southern California).

2020-2023   **Conversational Agents for Supporting Sustainable Implementation and Systemic Diffusion of Cyberinfrastructure and Science Gateways** (Collaborative Grant, US$499,979; OAC #2006816 & OAC #2007100, **TTU PI Kee**'s portion: US$199,975). CORE Programs, Computer and Information Science and Engineering Directorate, National Science Foundation. Collaborators: PI Prasad Calyam and Co-PI Satish Nair (University of Missouri-Columbia), and PI Kerk Kee (Texas Tech U).

2020-2022   **STEM Training in Ethics of Publication Practices (STEPP)** (SES #1926348, US$ 399,999; **co-PI Kerk Kee**'s portion: $59,999.85). The Cultivating Cultures of Ethical STEM (CCE STEM) Program, Social, Behavioral and Economic Sciences Directorate, National Science Foundation. PI: Amy Koerber; other Co-PIs: Karin Ardon-Dryer, Glenn Cummins, and Lyombe Eko. (Texas Tech University)

2015-2020   **CAREER: Organizational Capacity and Capacity Building for Cyberinfrastructure Diffusion** (OAC #1453864, Sole PI: **Kerk Kee**, US$519,753.00, transferred to OAC#1939067 at TTU, US$241,926), Division of Advanced Cyberinfrastructure, Computer & Information Science & Engineering Directorate, National Science Foundation, PI: **Kerk Kee**.

2018   **The State of the Art and Science of Project ECHO (Extension for Community Healthcare Outcomes** ($162,400.00; Subcontract to **Kerk Kee**: US$11,250), Robert Wood Johnson Foundation. PI: Jim Dearing, Michigan State University.

2013-2018   **VOSS: Computational Tools, Virtual Organizing, and Dynamic Innovation Diffusion** (ACI #1322305, Sole PI: **Kerk Kee**, US$324,981.00,), Division of Advanced Cyberinfrastructure, Computer & Information Science & Engineering Directorate, National Science Foundation.

2010-2011   **Operationalizing Distribution System Capacity and Estimating Diffusion System Readiness in Family Health** ($1,669,713.00; Subcontract to **Kerk Kee**: US$14,440.12), The Bill & Melinda Gates Foundation, PI: Jim Dearing, Michigan State University, previously at Kaiser Permanente Colorado.

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EXTERNAL RESEARCH GRANTS UNDER REVIEW
(N=1)

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2020-2022   **Collaborative Research: Collaborative Research: Frameworks: Building Community And Creating Opportunity Through Research Platform Interoperability** (Collaborative Grant, **TTU PI Kee**'s portion: US$596,825). Office of Advanced Cyberinfrastructure, Computer and Information Science and Engineering Directorate, National Science Foundation. Collaborators: PI Rion Dooley (Chapman University); Co-PIs: Steve Brandt (Louisiana State University), and Kerk Kee (Texas Tech University).

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INTERNAL RESEARCH GRANTS
(N=4; Funded total = US$19,000)

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May 2018   **Diffusing Value-Driven Innovations: From Startup Labs to Social Entrepreneurship** ($15,000). Faculty Opportunity Fund, Office of Research, Chapman University, PI: Kerk Kee, co-PI: Andrew Schrock (School of Communication), co-PI: Matt Hanson (School of Business & Economics).

Mar 2015   **Designing Persuasive Water Conservation Messages for Diffusion in California** ($1,000), Faculty Research & Development Council, Chapman's Office of the Chancellor, PI: Kerk Kee, co-PI: Yuhua Jake Liang (School of Communication).

2013-2014   **Preparing NSF CAREER Award Proposal** ($1,500.00), CRASsH Grant, Wilkinson College of Arts, Humanities, & Social Sciences, Chapman University, PI: Kerk Kee.

2012-2013   **The Ethical Implications of a Dominant Design in Early Cyberinfrastructure Projects** ($1,500.00), CRASsH Grant, Chapman's Wilkinson College of Arts, Humanities, & Social Sciences, PI: Kerk Kee.

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EXTERNAL & RESEARCH FUNDING RELATED SERVICE & ACTIVITIES
(N=22)

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April 2020   **Funding Proposal Reviewer**, Directorate for Social, Behavioral, & Economic Sciences (SBE), National Science Foundation (NSF).

Feb 2020   **Invited International Reviewer**, Social Sciences and Humanities Research Council of Canada (SSHRC), Ottawa, Canada.

Sep 2019   **Funding Proposal Reviewer**, Directorate for Social, Behavioral, & Economic Sciences (SBE), National Science Foundation (NSF).

May 2019   **Co-Organizer**, *Developing External Funding Opportunities for Organizational Communication Researchers*, Organizational Communication Division Post-Conference, International Communication Association Annual Conference, May 29, 2019, The Omni Hotel, Washington DC.

Jan 2019   **Invited International Reviewer**, Vidi Programme of Social Sciences and Humanities, Netherlands Organisation for Scientific Research (equivalent of US NSF), Amsterdam, the Netherlands.

2016-2019   **Grant Liaison** to the Office of Research, School of Communication, Chapman University.

2016-2019   **Member**, Research Advisory Panel, Office of the Vice Present for Research, Chapman University.

June 2018   **Mentor & Speaker** on *Communicating Your Research*, Grant Writing Institute, Office of Research, Chapman University.

Oct 2017   **Funding Proposal Reviewer/Panelist**, Directorate for Computer & Information Science & Engineering (CISE), National Science Foundation.

Aug 2017   **Funding Proposal Reviewer/Panelist**, Patient-Centered Outcomes Research Institute (PCORI)

April 2017   **Invited Speaker**, *Strategies For & Lessons Learned about Pursuing External Funding for Communication Research*. Department of Communication Studies (Organizer: Dawna Ballard), The University of Texas at Austin.

Feb 2017   **Funding Proposal Reviewer/Panelist**, Patient-Centered Outcomes Research Institute (PCORI)

2016   **Panelist,** *Pursuing Grant-Funded Research in Communication: Challenges and Opportunities across the Discipline (organized by NCA Research Board).* Panel at the National Communication Association annual conference, Philadelphia, PA.

Mar 2016   **Funding Proposal Reviewer**, Directorate for Social, Behavioral, & Economic Sciences (SBE), National Science Foundation (NSF).

Oct 2015   **Invited Participant**, Workshop on the 'Science of Organizations,' to discuss current trends and future opportunities in the field of organizational research, and how the NSF might facilitate significant advances in the field. Purdue University, West Lafayette, IN.

Aug-Sep 2015   **Invited Participant**, CyberBridges Workshop on 'Grand Challenges and Interdisciplinary Research, Computational- and Data-enabled Science and Engineering, High Performance Computing, Visualization, and Future Directions in Cyberinfrastructure' with active NSF CAREER awardees, recognized senior leaders, and NSF program officers in the Cyberinfrastructure community, Arlington, VA.

Oct 2015   **Funding Proposal Reviewer**, Directorate for Computer & Information Science & Engineering (CISE), National Science Foundation.

Apr 2014   **Funding Proposal Reviewer**, Social and Cognitive Networks Program, Army Research Office (ARO).

2013-2014   **Members**, Crowd Funding Initiative (headed by Andrea Molle), Wilkinson College of Humanities & Social Sciences, Chapman University.

March 2014   **Panelist**, *How to Obtain and Sustain Funding from the National Science Foundation*, Office of Research & Sponsored Programs Administration (ORSPA), and Office of Undergraduate Research (OUR), Chapman University.

Mar 2012   **Funding Proposal Reviewer**, Directorate for Computer & Information Science & Engineering, National Science Foundation.

February 2011   **Speaker**, Wilkinson's Grant Workshop, sharing my experience with the Bill & Melinda Gates Foundation and my exposure to the National Science Foundation funding

PUBLICATIONS
(N=39)
Including Journal Articles (n=17), Peer Reviewed Conference Proceedings Publications (n=10), and Book Chapters & Encyclopedia Entries (n=12)
* indicates undergraduate student at time research was conducted
~ indicates graduate student at time research was conducted

JOURNAL ARTICLES (n=17)

Kee, K.F., Le, B., & Jitkajornwanich, K. (Forthcoming). If You Build It, Promote It, and They Trust You, Then They Will Come: Diffusion Strategies for Science Gateways and Cyberinfrastructure Adoption to Harness Big Data in the STEM Community. *Concurrency and Computation: Practice and Experience*. [Wiley Publishing Company]

Droog~, E. F., Burgers, C. F., & **Kee, K. F.** (2020). Metaphors in cyberinfrastructure: Making sense of complex technologies. *Public Understanding of Science*. https://doi.org/10.1177/0963662520952542. [SAGE Publications]

Kim, D. K. D., **Kee, K. F.**, & Dearing, J. W. (2020). Applying the communication theory of Diffusion of Innovations to economic sciences: A response to the 'Using gossips to spread information' experiments conducted by the 2019 Noel Laureates. *Journal of Applied Communication Research*, *48*, 158-165. https://doi.org/10.1080/00909882.2020.1734226. [Taylor & Francis Company]

Koerber, A., Starkey, J. C., Ardon-Dryer, K., Cummins, R. G., Eko, L., & **Kee, K. F.** (2020). A qualitative content analysis of watchlists vs safelists: How do they address the issue of predatory publishing? *The Journal of Academic Librarianship, 46*, https://doi.org/10.1016/j.acalib.2020.102236. [Elsevier Publishing Company]

Matei, S. A., & **Kee, K. F.** (2019). Computational communication research. *WIREs: Data Mining and Knowledge Discovery*. DOI: 10.1002/widm.1304. [Wiley Publishing Company]

Kee, K. F., & Schrock, A. R. (2019, Online First 2018). Best social and organizational practices of successful science gateways and cyberinfrastructure projects. *Future Generation Computer Systems, 94,* 795-801. https://doi.org/10.1016/j.future.2018.04.063. [Elsevier Publishing Company]

Liang, Y. J., **Kee, K. F.**, Henderson*, L. (2018). Towards a message-, individual-, and social-based model of environmental communication: Advancing theories of reactance and planned behavior in a water conservation context. *Journal of Applied Communication Research, 46,* 135-154. https://doi.org/10.1080/00909882.2018.1437924 *[LEAD ARTICLE]* [Taylor & Francis Company]

Liang, Y. J., Henderson*, L., **Kee, K. F.** (2018; Online First 2017). Running out of water! Developing a message typology and evaluating message effects on attitude toward water conservation. *Environmental Communication, 12,* 541-557. DOI: http://dx.doi.org/10.1080/17524032.2017.1288648. [Routledge Company]

Liang, Y. J., & **Kee, K. F.** (2018; Online First 2016). Developing and validating the A-B-C framework of information diffusion on social media. *New Media & Society, 20,* 272-292. DOI: 10.1177/1461444816661552. [SAGE Publications]

Robertson*, B. W., & **Kee, K. F.** (2017). Social media at work: The roles of job satisfaction, employment status, and Facebook use with co-workers. *Computers in Human Behavior, 70, 191-196*. DOI: http://dx.doi.org/10.1016/j.chb.2016.12.080. [Elsevier Publishing Company]

Kee, K. F., Sparks, L., Struppa, D. C., Mannucci, M., & Damiano, A. (2016). Information diffusion, Facebook clusters, and the simplicial model of social aggregation: A computational simulation of simplicial diffusers for community health interventions. *Health Communication, 31,* 385-399. DOI: 10.1080/10410236.2014.960061. *[LEAD ARTICLE]* [Taylor & Francis Company]

Kee, K. F., Sparks, L., Struppa, D. C., & Mannucci, M. (2013). Social groups, social media, and higher dimensional social structures: A simplicial model of social aggregation for computational communication research. *Communication Quarterly, 61*, 35-58. DOI: https://doi.org/10.1080/01463373.2012.719566. [Taylor & Francis Company]

Rakovski, C., Sparks, L., Robinson, J. D., **Kee, K. F.**, Bevan, J. L., & Agne, R. (2012). A regression-based study using jackknife replicates of HINTS III data: Predictors of the efficacy of health information seeking. *Journal of Communication in Healthcare, 5*, 163-170. DOI: https://doi.org/10.1179/1753807612Y.0000000014. [Taylor & Francis Company]

Kee~, K. F., & Browning, L. D (2010). The dialectical tensions in the funding infrastructure of cyberinfrastructure. *Computer Supported Cooperative Work, 19*, 283-308. DOI: https://doi.org/10.1007/s10606-010-9116-9 [Springer Nature]

Park~, N., **Kee~, K. F.**, & Valenzuela~, S. (2009). Being immersed in social networking environment: Facebook Groups, uses and gratifications, and social outcomes. *CyberPsychology & Behavior, 12*, 729-733. DOI: https://doi.org/10.1089/cpb.2009.0003. [Liebert Inc.]

Valenzuela~, S., Park~, N., & **Kee~, K. F.** (2009). Is there social capital in a social network site?: Facebook use and college students' life satisfaction, trust, and participation. *Journal of Computer-Mediated Communication, 14*, 875-901. DOI: https://doi.org/10.1111/j.1083-6101.2009.01474.x [Oxford University Press]

Bird, I., Jones, B., & **Kee~, K. F.** (2009). The organization and management of grid infrastructures. *Computer, 42*, 36-46. DOI: 10.1109/MC.2009.28 [IEEE Computer Society]

PEER REVIEWED CONFERENCE PROCEEDINGS PUBLICATIONS (n=10)

Le, B., Escalera, F., Jitkajornwanich, K., & **Kee, K. F.** (2019). External communication to diffuse science gateways and cyberinfrastructure as innovations for research with big data. Proceedings of Science Gateways 2019, San Diego, California.

Liang, Y. J., Lee, S. A., & **Kee, K. F.** (2019). The adoption of collaborative robots towards ubiquitous diffusion: A research agenda. International Workshop on Human-Machine Communication: What Does/Could Communication Science Contribute to HRI? Proceedings of the ACM/IEE International Conference on Human-Robot Interaction. Daegu, Korea.

Pongto*, R., Wiwattanaphon*, N., Lekpong*, P., Lawawirojwong*, S., Srisonphan*, S., **Kee, K. F.**, & Jitkajornwanich, K. (accepted). The grid-based spatial ARIMA model: An innovation for short-term predictions of ocean current patterns with big HF radar data. Proceedings of the 15th International Conference on Computing and Information Technology (IC2IT 2019), Bangkok, Thailand. IC2IT 2019 Proceedings to be included in Recent Advances in Information and Communication Technology 2019, Springer. (ISSN: 2194-5357)

Kee, K. F., McCain, J. C. (2018). What is good feedback in big data projects for cyberinfrastructure diffusion in e-science? *Proceedings of the 2018 IEEE International Conference on Big Data*, Seattle, WA, 10-13 December (pp. 2804-2812). New York: Springer. DOI: 10.1109/BigData.2018.8622573

Chandrashekara~, A. A., Talluri~, A. K. M., Mitra, R., Calyam, P., **Kee, K. F.**, & Nair, S. (2018). Fuzzy-based conversational recommender for data intensive science gateway applications. *Proceedings of the 2018 IEEE International Conference on Big Data* (pp. 4870-4875). New York: Springer. DOI: 10.1109/BigData.2018.8622046

Hanna*, B., **Kee, K. F.**, & Robertson*, B. W. (2017). Positive impacts of social media at work: Job satisfaction, job calling, and Facebook use among co-workers. In B. Mohamad, & H. Abu Bakar (Eds.), *Proceedings of the International Conference on Communication and Media: An International Communication Association Regional Conference (i-COME'16)*. SHS Web of Conferences 33. DOI: http://dx.doi.org/10.1051/shsconf/20173300012. *[TOP PAPER AWARD]*

Kee, K. F. (2017). Organizational attributes of successful science gateways and cyberinfrastructure projects. Proceedings of Gateways 2016: The 11th Gateway Computing Environments Conference. K. Lawrence, N. Wilkins-Diehr, & S. Gesing, Eds. figshare. DOI: https://doi.org/10.6084/m9.figshare.4494158.v2

Kee, K. F., Sleiman~, M., Williams~, M., & Stewart~, D. (2016). The 10 attributes that drive adoption and diffusion of computational tools in e-science. In P. Navrátil, M. Dahan, D. Hart, A. Romanella, & N. Sukhija (Eds*.), Proceedings of the 2016 XSEDE (Extreme Science & Engineering Discovery Environmental) Conference.* New York: ACM. DOI: http://dx.doi.org/10.1145/2949550.2949649

Kee, K. F. (2015). Three critical matters in big data projects for e-science. In H. Ho, B. C. Ooi, M. J. Zaki, X. Hu, L. Haas, V. Kumar, S. Rachuri, S. Yu, M. H. I. Hsiao, J. Li, F. Luo, S. Pyne, and K. Ogan (Eds*.), Proceedings of the 2015 IEEE International Conference on Big Data* (pp. 2001-2007), New York: Springer. DOI: 10.1109/BigData.2015.7363991

Iorio~, J., **Kee~, K.,** & Decker~, M. (2012). Instructional technology training: Developing functional and applied skill sets. In P. Resta (Ed.), *Proceedings of the 2012 Society for Information Technology & Teacher Education International Conference* (pp. 1188-1193). Chesapeake, VA: AACE.

BOOK CHAPTERS & ENCYCLOPEDIA ENTRIES (n=12)

Kee, K. F., & Schrock. A. R. (2020). Telephone interviewing as a qualitative methodology for researching cyberinfrastructure and virtual organizations. In J. Hunsinger, L. Klastrup, & M. Allen (Eds.), *Second* international *handbook of internet research.* Springer Netherlands. DOI: https://doi.org/10.1007/978-94-024-1202-4_52-1

Stephens, K. K., & **Kee, K. F.** (2019). Technology and organizational communication. In A. M. Nicotera (Ed.), Organizational *communication: A comprehensive introduction to the field*. Routledge.

Kee, K. F. (2017). The 10 adoption drivers of open source software that enable e-research in data factories for open innovation. In S. Matei, N. Julien, & S. Goggins (Eds.), *Big data factories: Collaborative approaches* (pp. 51-65). Springer. DOI: https://doi.org/10.1007/978-3-319-59186-5_5

Dearing, J. W., **Kee, K. F**, & Peng, T. W. (2017). Historical roots of dissemination science. In Brownson, R. Colditz, G. & Proctor, E. (Eds.), *Dissemination and implementation research in health: Translating science to practice* (2nd ed) (pp. 47-61). Oxford: Oxford University Press.

Kee, K. F. (2017). Adoption and diffusion. In C. Scott, & L. Lewis (Eds.), *International encyclopedia of organizational communication, 1* (pp. 41-54). Chichester, UK: Wiley-Blackwell. https://onlinelibrary.wiley.com/doi/pdf/10.1002/9781118955567.wbieoc058

Kee, K. F., & Liang, Y. J. (2015). Subjective numeracy scale. In D. K. Kim, & J. W. Dearing (Eds.), *Health communication measures* (pp. 247-254). New York: Peter Lang.

Sparks, L., **Kee, K. F.**, & Struppa, D. C. (2014). Social aggregates in the health context. In T. L. Thompson (Ed.), *Encyclopedia of health communication, 3* (pp. 1272-1274). Thousand Oaks, CA: Sage.

Kee, K. F., & Thompson-Hayes, M. (2012). Conducting effective interviews about virtual work: Gathering and analyzing data using a grounded theory approach. In S. D. Long (Ed.), *Virtual work and human interaction research* (pp. 192-212). Hershey: IGI Global.

Stephens, K. K., Murphy~, M., & **Kee, K. F.** (2012). Leveraging multicommunication in the classroom: Implications for participation and engagement. S. O. Ferris (Ed.), *Teaching and learning with the Net Generation: Concepts and tools for reaching digital learners* (pp. 269-288)*.* Hershey, PA: IGI Global.

Dearing, J. W. & **Kee~, K. F.** (2012). Historical roots of dissemination science. In Brownson, R. Colditz, G. & Proctor, E. (Eds.), *Dissemination and implementation research in health: Translating science to practice* (pp. 55-71). Oxford: Oxford University Press.

Kee~, K. F., Cradduck~, L., Blodgett~, B., & Olwan~, R. (2011). Cyberinfrastructure inside out: Definitions and influencing forces shaping its emergence, development, and implementation. In D. Araya, Y. Breindl & T. Houghton (Eds.), *Nexus: New intersections in Internet research* (pp. 157-189). New York: Peter Lang.

Browning, L. D., Morris, G. H., & **Kee~, K. F.** (2011). The role of communication in positive organizational scholarship. In Cameron, K. & Spreitzer, G. (Eds.), *Handbook of positive organizational scholarship* (pp. 566-578)*.* Oxford: Oxford University Press.

MANUSCRIPTS IN UNDER REVIEW
(N=3)

Kee, K. F., Lee, S. A., Kwak*, E., & Liang, Y. J. (Under Review). The good, the bad, and the risky of water conservation messages for diffusion. *Journal of Environmental Psychology*.

Zhu, Y., & **Kee, K. F.** (R&R). A cyberinfrastructure framework of electronic health records diffusion as an organizational communication problem. *Corporate Communications*.

Kee, K. F. (Under Review). From little pieces of colored glass to a stained-glass window: understanding cyberinfrastructure emergence. In F. Soelberg, L. Browning, F. Lindberg, & J. Sørnes (eds). *Stories from Qualitative Camp*.

MANUSCRIPTS IN PROGRESS
(N=3)

Hayes, C., **& Kee, K. F.** (In Progress). Modular metaphors that drive cyberinfrastructure diffusion: The case of the Atkins Report. *Public Understanding of Science*.

Kee, K. F., & McCain~, J. C. (In Progress). Communication technologies and feedback management in cyberinfrastructure projects for diffusion. *Management Communication Quarterly*. [5-Year Impact Factor: 1. 444]

Kee, K. F., Tukachinsky, R., & Hobbs*, B. (In Progress). Diffusion drivers on social media for water conservation messages. *Computers in Human Behavior*. [5-Year Impact Factor: 4.417]

FUNDED REPORTS
(N=3)

Dearing, J. W., Cruz, S., **Kee, K.**, Larson, R. S., Rahm, A. K. (2019). *Project ECHO (extension for community healthcare outcomes): Review and research agenda*. A white paper commissioned by the Robert Wood Johnson Foundation, Award Number 75579.

Dearing, J. W., Krause, L. K., Wohlgezogen, F., Norton, W. E., **Kee, K. F.**, Botero, I. C., Le, Q. A., Nuanes, H. A., Madrid, S., Morse, E. F. (2011). *Family health diffusion system project literature synthesis: A task 1 deliverable*. Institute for Health Research, Kaiser Permanente Colorado, Denver, Colorado, USA.

Nuanes, H. A., Krause, L. K., Dearing, J. D., Le, A. Q., Botero, I. C., **Kee, K. F.**, Madrid, S. D., Norton, W. E., & Wohlgezogen, F. (2011). *Family health diffusion system project annotated bibliography: A task 1 deliverable*. Institute for Health Research, Kaiser Permanente Colorado. Denver, Colorado, USA.

AWARDS
(N=5)

2015   **Excellence in Research/Creative Activity Award** (college-wide), Wilkinson College of Arts, Humanities, & Social Sciences, Chapman University.

2014   **Young Investigator Award**, Office of Research & Sponsored Programs Administration, Office of the Chancellor, Chapman University.

2014   **Excellence in Teaching & Mentoring Award**, Wilkinson College of Arts, Humanities, & Social Sciences, Chapman University.

2012   **Excellence in Scholarly/Creative Activity Award** (campus-wide), Office of the Chancellor, Chapman University.

2011   **Selected Faculty**, Blended Course Initiative, for Integrating WordPress into COM 412 (Communication & Workplace Technologies), Office of the Chancellor, Chapman University.

INVITED LECTURES
(N=12)

Mar 2019   **Invited Speaker** (co-presented with Austin Lee), New Roles of Technology in Communication: Technologies as Advisors and Persuaders, School of Communication, San Diego State University, San Diego, California.

Sep 2018   **Invited Speaker**, *e-Infrastructure in Europe: Attributes and Metaphors for Diffusion*. European Grid Infrastructure, Amsterdam, the Netherlands.

Mar 2018   **Invited Speaker**, *Diffusion of Innovations in Smart Cities*. College of Engineering, University of Missouri, Columbia.

Sep 2016   **Invited Speaker**, *The Importance of Innovation in Fulfilling a Need,* The MaGIC Academy Symposium 2016, Malaysian Global Innovation & Creativity (MaGIC) Centre, Cyberjaya, Kuala Lumpur, Malaysia.

July 2016   **Invited Speaker**, *The Successful Attributes of Computational Tools in the XSEDE Community of the US*. Department of Communication Science, Vrije Universiteit Amsterdam, the Netherlands.

July 2016   **Invited Speaker**, *The 10 Attributes that Drive Adoption and Diffusion of Computational Tools in e-Science in the US*. Oxford Internet Institute, United Kingdoms.

Mar 2016   **Invited Speaker**, *Key Attributes of Computational Tools that Promote Adoption and Diffusion in e-Science in the US*, Malaysian Global Innovation & Creativity (MaGIC) Centre, Cyberjaya, Kuala Lumpur, Malaysia.

May 2015   **Invited Speaker**, *Diffusion of Innovations and Science Gateways*, Gateways & Workflows Symposium Series, XSEDE (Extreme Science & Engineering Discovery Environment), an NSF funded consortium.

Apr 2015   **Invited Speaker**, *Cyberinfrastructure, Organizational Capacity, & Diffusion of Innovations*, Department of Communication Spring Colloquium, Michigan State University.

Oct 2014   **Invited Speaker**, *The Simplicial Model of Social Aggregation & Information Diffusion via Online Social Networks*, Seminar in Health Communication (PH 242), Program in Public Health, University of California, Irvine.

Oct 2012   **Invited Speaker** on the theme, 'The Other,' Interdisciplinary Breakfast, Office of the Chancellor, Chapman University.

Oct 2011   **Guest Speaker**, *Making Good Use of Social Media & New Technology*, Valley Nonprofit Resources, Encino, CA.

FEDERALLY SPONSORED ORGANIZATIONAL SCIENCE, CYBERINFRASTRUCTURE, AND BIG DATA RELATED RESEARCH WORKSHOPS
(N=3; By invitations only)

Feb 2020   **Invited Participant**, NSF Workshop on Smart Cyberinfrastructure, Crystal City, VA.

Aug 2015   **Invited Participant**, Specialist Workshop on 'Human Dynamics with Big Data, Social Media, and Social Networks in Hyperlocal Contexts,' Center for Human Dynamics in the Mobile Age (HDMA) at San Diego State University, San Diego, CA.

Oct 2013   **Invited Participant**, Focus Group Held in Chicago, for the Science Gateways Institute, San Diego Supercomputing Center, University of California, San Diego, CA.

TEACHING EXPERIENCES

TEXAS TECH UNIVERSITY COURSES (* denotes new and innovative courses created at TTU)
- PCOM 4301*: Social Media Analytics (undergraduate)

- JOUR 6315*: Diffusion of Innovations (graduate)
- MCOM 5364: Research Methods: MA (graduate)

CHAPMAN COURSES (* denotes new and innovative courses created at Chapman University)
- COM 415*: Communication & Virtual Organizing (emphases on social media, virtual collaborations, etc.)
- COM 412*: Communication & Workplace Technologies (emphases on big data, enterprise 2.0/social media, etc.)
- COM 410: Organizational Communication (emphases on corporate advocacy, organizational capacity, healthcare organizations, etc.)
- COM 395: Introduction to Communication Research Methods (undergraduate, quantitative, SPSS)
- SCC 295: Research Methods for Strategic & Corporate Communication (undergraduate, quantitative, SPSS)
- SCC 329*: Capacity Building in Organizations (undergraduate)
- HCOM 595: Research Methodologies in Health & Strategic Communication (graduate, quantitative, SPSS)
- HCOM 597*: Diffusion of Innovations (graduate)

UT AUSTIN COURSES
- Group/Team-Based Communication (emphasis on communication technologies)
- Organizational Communication
- Professional Communication (for business majors)
- Managing People and Organizations (TA for John Daly's MBA Course)
- Creative & Innovative Management (TA for John Daly's MBA Course)

SAN DIEGO STATE UNIVERSITY COURSES
- Oral Communication (for EOP and ESL Students)
- Communication Research Methods (TA for Raymond Co)
- Seminar in Advanced Quantitative Research Methods (SPSS Lab Assistant for David Dozier)

GRADUATE RESEARCH MENTORING
(N=2 students)

1. Chu Tsz Hang, MPhil Thesis in Communication, *Social Media Use and Employee Outcomes: A Meta-Analysis,* July 2019, Hong Kong Baptist University; Co-Supervisors: Dominic Yeo & Shi Jingyuan Jolie, Internal Committee Member: Leanne Chang, External Committee Member: Kerk Kee.
2. Ellen Droog, MS Thesis in Communication Science, *Metaphors in Cyberinfrastructure: Making Sense of Complex Technologies,* June 2017, Vrije Universiteit Amsterdam; Supervisor: Christian Burgers, Second Reader: Kerk Kee.

UNDERGRADUATE RESEARCH MENTORING
(N=61 students, including repeated semesters)

I mentored/am mentoring the following <u>undergraduate</u> students in Communication Studies/ Strategic & Corporate Communication at Chapman University in research projects on 'Organizational Communication & Emerging Technologies,' including on my NSF VOSS grant (2013-2018, ACI #1322305), NSF CAREER grant (2015-2020, ACI #1453864), California Water Conservation Project, and the Chapman Faculty Opportunity Grant*. Out of the 61 students I mentored, 18 (or 29.5%) of them went to graduate school.

1. Shaun Chin (Strategic & Corporate Communication; Spring 2019)
2. Cara Cummings (Strategic & Corporate Communication; Spring 2019)
3. Emma Lam* (Strategic & Corporate Communication; Spring 2019)
4. Noah Jacobs* (Business Administration; Summer 2018-Summer 2019)
5. Calvin Hall* (Business Administration; Summer)
6. Naina Sah* (Business Administration; Fall 2018-Present)

7. Kamaile Galindo (Strategic & Corporate Communication, Minor in Graphic Design; Fall 2018)
8. Chloe Pace (Communication Studies, Minor in Dance; Fall 2017)
9. Raize Simon (Communication Studies, Fall 2017)
10. Eunice Kwak (Strategic & Corporate Communication, Interterm 2017& Fall 2017)
11. Brennan Hobbs (Strategic & Corporate Communication, English Literature; Spring & Fall 2017)
12. Zach Lynch (Strategic & Corporate Communication; Interterm 2017)
    o JR Candidate, Lewis and Clark College.
13. Tyler Papera (Communication Studies & Philosophy; Spring 2017)
14. Kyle Herron (Strategic & Corporate Communication; Fall 2016)
15. Lydia Benjamin (Communication Studies, Minor in Women's Studies; Spring 2016 & Spring 2017)
16. Jamie McCain (Strategic & Corporate Communication; Spring 2016 & Spring 2017)
    o MS in Health & Strategic Communication, 2018, Chapman University.
17. Samantha Stein (Strategic & Corporate Communication; Spring 2016)
18. Amanda Lee (Communication Studies; Fall 2015)
19. Erica Dean (Strategic & Corporate Communication; Fall 2015)
    o Master's in Clinical Psychology, MTF Emphasis, 2020, Pepperdine University
20. Tyler Bice (Strategic & Corporate Communication; Summer 2015; Fall 2015)
21. Alex Rushka (Communication Studies; Summer 2015 & Fall 2015)
22. Dominique Stewart (Communication Studies; Spring 2015; Summer 2015)
    o MS in Health & Strategic Communication, 2016, Chapman University.
23. Michelle Williams (Communication Studies; Spring 2015)
    o MS in Health & Strategic Communication, 2016, Chapman University.
24. Christian Keroles (Strategic & Corporate Communication, Fall 2014)
25. Joanna Diaz (Communication Studies; Fall 2014)
26. Len Hamilton (Communication Studies; Spring 2014 & Fall 2014)
27. Dean Navarro (Communication Studies; Spring 2014)
28. Ryo Nakagawara (Psychology & Economics double majors, Spring 2014 & Spring 2015)
    o MS in Industrial/Organizational and Business Psychology, 2017, University College London
29. Mona Sleiman (Spring 2014, GRA 2014-15)
    o MS in Health & Strategic Communication, 2015, Chapman University.
30. Tracey Hartsock (Communication Studies; History minor, Spring 2014)
31. Grace Kim (Communication & Business double majors, Spring 2014)
    o MA in Urban Planning and Development, 2018, University of Southern California.
32. Whitney Caldwell (Communication Studies; Fall 2013)
33. Megan Mogannam (Communication Studies; Spanish & Sociology minor, Fall 2013)
34. Brett Robertson (Political Science & Public Relations double minors, Spring 2013 & Fall 2013)
    o PhD in Organizational Communication & Technology, 2020, University of Texas at Austin
    o MA in Communication, 2016, California State University, Fullerton.
35. Robin Harris (Communication Studies; Fall 2013)
36. Liliane Neubecker (Communication Studies; Fall 2013)
    o MSc in Creative Business and Social Innovation, 2016, EDHEC Business School, France
37. Colette Connor (Communication Studies; Fall 2013)
38. Brittany Hanna (Communication Studies; Summer 2013)
    o MS in Health & Strategic Communication, 2014, Chapman University.
39. Sara Bender (Communication Studies; Summer 2013)
40. Zachary Brill (Communication Studies; Spring 2013)
41. Al White (Communication Studies; Fall 2012)
42. Safa Katbi (Communication Studies; Fall 2012)
43. Ngozi Ashibuogwu (Communication Studies; Spring 2012)
    o MS in Patient Counseling, 2018, Loyola University Maryland
44. Dayna Wolpa (Communication Studies; Fall 2011)
45. Danette Mier (Communication Studies; Spring 2011 & Fall 2011)
46. Boston Titensor (Communication Studies; Summer)

47. Stephanie Trinen (Communication Studies; Spring 2011)
48. Leimoni Kamiya-Nada (Communication Studies; Spring 2011)
   o   MA in Communication, 2013, Hawaii Pacific University.
49. Alex Lucht (Communication Studies; Spring 2011)
   o   Master of Business Administration, 2020, University of California, Irvine
50. Richelle Plant (Communication Studies; Spring 2011)

(I mentored <u>undergraduate</u> mentees in Corporate Communication & Political Communication through a UT College of Communication Summer Research Grant to Larry Browning in Summer 2007 and the UT *Intellectual Entrepreneurship* Pre-Graduate School Internship Program Fall 2007 to Spring 2010)

51. Philip Abdou (Corporate Communication major; Fall 2009)
   o   Master of Business Administration, Strategic Management, 2013, Univ of North Texas
52. Tito Calvo (Corporate Communication major; Fall 2008 & Spring 2009)
   o   Master of Business Administration, 2014, University of St. Thomas.
53. Beren Carroll (Corporate Communication major; Fall 2008)
54. Michael Gutiérrez (Corporate Communication major; Fall 2008)
55. Tina P. Le (Political Communication major; Summer 2007)
56. Lea Markovic (Corporate Communication major; Summer 2007)
57. Bobby W. Nall (Corporate Communication major; Summer 2007)
58. Lauren Osborn (Interpersonal Communication major; Spring 2009)
59. Parnali Sen (Corporate Communication major; Spring 2009)
   o   Master of Business Administration, 2017, UT Austin
60. Unji Udeshi (Corporate Communication major; Spring 2008)
61. Charles Whatley (Corporate Communication major; Spring 2008)
62. Ashley Wilson (Management Major, Spring 2008 and Fall 2008)
   o   MA in Communication Studies, 2011, The University of Texas at Austin.

SERVICE

PEER REVIEWED JOURNAL EDITORIAL BOARD (N=2)

2012-2014   **Member of Editorial Board**, *Western Journal of Communication*
2011-2014   **Member of Editorial Board**, *Communication Education*

AD HOC PEER REVIEWED JOURNAL REVIEW SERVICE (N=16)

Journal of Communication, Management Communication Quarterly, New Media & Society, Communication Research, Journal of Applied Communication Research, Journal of Computer-Mediated Communication, Science, Technology, & Human Values, IEEE Computer, Communication Theory, Journal of Social and Personal Relationships, Global Media Journal, Journal of Communication in Healthcare, Cyberpsychology, Behavior, and Social Networking, Journal of Environmental Psychology, Journal of Education in Science, Environment and Health, Human-Machine Communication Journal, Natural Hazards.

PROFESSIONAL ASSOCIATIONS (N=7)

2020   **Co-Organizer**, Research Escalator Sessions, Organizational Communication, International Communication Association (ICA)
2018   **Member**, Redding Dissertation Award Committee, Organizational Communication Division, International Communication Association (ICA)
2016-2017   **Member**, Organizational Communication Division, Awards Committee, National Communication Association's (NCA).
2016-2017   **Member**, Nominating Committee, National Communication Association (NCA).

2014-2017   **Member**, <u>Committee on Sustainability,</u> International Communication Association (ICA).
2011-2012   **Member**, President's Futures Committee, Western States Communication Association (WSCA).
2002-2003   **Student Committee Member**, Local Host Committee for the International Communication
                 Association 53rd Annual Conference (May 23-27, 2003), San Diego, California, USA.

SCHOOL/DEPARTMENT (N=14)

2019-Present   **Member**, Budget Committee, Department of Professional Communication, Texas Tech University.
2019-Present   **Member**, Media Strategies Curriculum Committee, Department of Professional Communication,
                 Texas Tech University.
2014-2016   **Member**, Social Media Committee, Department of Communication Studies, Chapman University.
2014-2016   **Member**, Strategic & Corporate Communication Major Curriculum Committee, Department of
                 Communication Studies, Chapman University.
2014-2016   **Member**, Strategic & Corporate Communication Major Assessment Committee, Department of
                 Communication Studies, Chapman University.
2014-2016   **Member**, Communication Studies Curriculum Committee, Department of Communication Studies,
                 Chapman University.
2015-2016   **Member**, Full Professor Faculty Search Committee, Department of Communication Studies,
                 Chapman University.
2014-2015   **Member**, Full Time Non-Tenure Track Faculty/Instructor Search Committee, Department of
                 Communication Studies, Chapman University.
2012-2013   **Member**, Strategic & Corporate Communication Faculty Search Committee, Department of
                 Communication Studies, Chapman University.
2012-2013   **Member**, Full Time Non-Tenure Track Faculty/ Instructor Search Committee, Department of
                 Communication Studies, Chapman University.
2011-2012   **Member**, Committee on Creating the New Strategic & Corporate Communication Program,
                 Department of Communication Studies, Chapman University.
2011-2012   **Member**, Faculty Search Committee (**2 Positions**, Mass Communication and Technology; Senior
                 Faculty Search), Department of Communication Studies, Chapman University.
2010-2011   **Member**, Global/Intercultural Communication & Technology Faculty Search Committee,
                 Department of Communication Studies, Chapman University.
2008-2009   **Student Committee Member**, Organizational Communication Faculty Search Committee,
                 Department of Communication Studies, The University of Texas at Austin.

COLLEGE (N=8)

2020-Present   **Member**, Graduate Council, College of Media & Communication, Texas Tech University.
2019-Present   **Member**, Mid-Career Grant Funding Task Force, College of Media & Communication, Texas Tech
                 University.
2020   **Member**, Graduate Student Scholarship Awards Committee, College of Media & Communication,
                 Texas Tech University.
2020   **Member**, PhD Student Annual Review Committee, College of Media & Communication, Texas Tech
                 University.
2017-2018   **Member**, Cultural & Creative Industries Faculty Search Committee (outside member), Wilkinson
                 College of Arts, Humanities, & Social Sciences, Chapman University.
2014-2016   **NVivo Liaison** (with Ann Gordon, Ed Day, and Michelle Miller Day) for creating a partnership
                 between Wilkinson and QSR International to promote NVivo Qualitative Research Software in
                 Wilkinson, at the Babbie Center, and Chapman University. [Now Chapman has an NVivo site
                 license].
2012-2013   **Member**, Steering Committee, <u>Wilkinson College's CRASsH & BURN Model</u> Implementation.
2012-2013   **Member**, Rhetoric Faculty Search Committee (outside member), Department of English, Chapman
                 University.

(N=9)

2020-2021	**Member**, Provost Search Committee, Texas Tech University.
2019-Present	**Member**, Faculty Grievance Panel, Texas Tech University
2018-2019	**Member**, Faculty Salary Study Task Force, Chapman University.
2017-2019	**Member**, Sustainability Committee, Chapman University.
2016-2018	**Member**, Faculty Research & Development Council, Office of the Provost, Chapman University.
2017	**Member**, Institutional Review Board Task Force, Office of the Vice Present for Research, Chapman University.
2013-2015	**Senator**, Faculty Senate, representing Wilkinson College of Arts, Humanities, & Social Sciences, Chapman University.
2012-2015	**Member** (alternate), Institutional Review Board (IRB) Committee, Chapman University.
Fall 2013	**Co-Presenter (3 sessions)**, Flipping Your Class in Schmid College of Science & Technology (in a series of pre-recorded presentations: Session 1, What is Flipping?, Learning Theories & Evidence; Session 3, The Pragmatics of Flipping with Mary Litch), Chapman University. Note: Lecture 1, a voice over PowerPoint file with voice recording exceeded the upload limit, so I divided a single coherent presentation into two parts.

SCHOLARLY AFFILIATIONS

- International Communication Association (ICA)
- National Communication Association (NCA)
- Society for the Social Studies of Science (4S)
- Institute of Electrical and Electronics Engineers (IEEE)

~~~ End of Kee's CV ~~~