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EDUCATION

- May 2000 **Ph.D. Sociology**, University of New Mexico, Albuquerque, New Mexico.
Sociology of Science and Technology.
- May 1996 **M.A. Sociology**, University of New Mexico.
- May 1994 **(Maestria) M.A. Anthropology** Universidad de las Americas, Cholula,
Puebla, Mexico (all but thesis)
- May 1991 **B.A. Spanish and International Relations**, Potsdam College of
SUNY, Potsdam, NY. Summa Cum Laude

PROFESSIONAL ACTIVITIES

- Current **Associate Professor**, Tenured May 2010.
Director of Graduate Programs. College of Information Sciences and Technology,
Affiliate Appointment with the School of International Affairs
Affiliate Appointment with the Sociology Department,
Affiliate Appointment with Labor and Industrial Relations Department,
Member of the Institute for Information Policy, Department of
Telecommunications,
The Pennsylvania State University
- Current
(Sabbatical 2018-2019) **Academic Partner**, Mission Critical Partners. State College, PA.
- Current
(Sabbatical 2018-2019) **Visiting Scholar**, Interoperability of Organizations laboratory,
Industrial Engineering Research, Center at IMT Mines Albi, Albi France
- Current
(Sabbatical 2018-2019) **Visiting Scholar**, Software Engineering and Information Systems (ISSI) Research Group
Department of Computer Science (DSIC) of the Technical University of Valencia (UPV)
Valencia, Spain.
- 7/2014- current
(Sabbatical 2018-2019) **Visiting Professor**, Central American School of Geology,
Department of Seismology, Vulcanology and Geophysical Research at the
University of Costa Rica. San Jose, Costa Rica.
- 1/2012-7/2012
(Sabbatical 2012) **Visiting Professor, Fulbright Scholar**, Central American School of Geology,
Department of Seismology, Vulcanology and Geophysical Research at the
University of Costa Rica. San Jose, Costa Rica.
- 8/2002-8/2003 **Fixed-Term Faculty, Science, Technology and Society Program (STS),**
Fixed-Term Faculty, Labor and Industrial Relations Department,
The Pennsylvania State University
- 8/2000-6/2002 **Post-Doctoral Fellow**, University of Arizona, Tucson, Arizona.
National Science Foundation Grant, Universities in the Information Age.

HONORS AND AWARDS

The Pennsylvania State University Community Engagement and Scholarship Award, Penn State University (2017).
(University –level award)

Best Paper Nominee (2017)

Grace, R.W., Kropczynski, J., Pezanowski, S., **Tapia, A.**, Halse, S., Umar, Prasanna., “Social Triangulation: A New Method To Identify Local Citizens Using Social Media And Their Local Information Curation Behaviors,” Annual Conference for Information Systems for Crisis Response and Management. ISCRAM Albi, France. May 21-24, 2017

Best Paper Nominee (2015)

LaLone, N., **Tapia, A.**, Case, N., MacDonald, E.A., Hall, M., Heavner, M. (2015), Hybrid Community Participation in Crowdsourced Early Warning Systems, International Conference on Information Systems for Crisis Response and Management (ISCRAM), May 24-27, 2015, Kristiansand, Norway.

College of IST Engagement and Outreach Award, (2015) (College-level award)

Best Paper Nominee. (2014)

Tapia, A., Lalone, N., Kim, Hyun-Woo, MacDonald, E.A., Hall, M. (2014) “Crowdsourcing Rare Events: Using Beauty to Draw Participants into Science and Early Warning Systems,” International Conference on Information Systems for Crisis Response and Management, Penn State University. University Park, PA, USA. May 18-21, 2014

ISCRAM Distinguished Service Award, (2014) International Association Information Systems for Crisis Response and Management. (Professional Association-level Award)

Distinguished Honors Faculty Fellow. (2013-2015) Schreyers Honors College. Penn State University. Global Programs, Penn State and the College of IST, Penn State.

Outstanding Journal Paper Award (2013) Tapia, A., Maldonado, E., Maitland, C., and Ngamassi, L. (2012) “Coordinating Humanitarian Information: The Problem of Organizational and Technical Trajectories”. Journal of Information Technology and People. Volume 25 Issue 3. at the Literati Network Awards for Excellence 2013.

Fulbright Scholar to Costa Rica, (2011-2012). Dr. Tapia partnered with the University of Costa Rica to conducted research entitled, “Improving Emergency Preparedness and Response in Costa Rica through Law, Coordination and Technologies”, in which she investigated the effects of a national-level legal mandate to coordinate and to share information upon the social and informational networks among the emergency response sector.

Susan B. Lucas Diversity Award. (2011). College of Information Sciences and Technology, (College-level award)

Schreyer Honor College/Rock Ethics Award: Course Development IST 445 H (Fall 2009-Spring 2010)

Schreyer Honor College Course Development Award: Course Development IST 110 H, Summer and Fall 2007)

Schreyer Honor College Course Development Award: Multicultural Teaching Academy (Spring 2005)

SELECTED LEADERSHIP EXPERIENCE

Associate Editor, (2012-present) Journal of Information Technology and People.

Director, 3C Informatics: Crisis, Community and Civic Informatics Center. (2017 - Present).

Director, Graduate Programs, College of Information Sciences and Technology (2015 - Present).

Co-Director, NSF-funded workshop. (2017) Research Institute for the Science of Socio-technical Systems.

Board Member (appointed), (2012-2017) National Science Foundation Research Coordination Network (RCN)—“A Research Coordination Network for Advancing the Digital Society and Technologies Community.”

(appointed) Penn State’s Excellence in Academic Leadership Training (2016-2017)

a year-long project aimed at grooming the next group of academic administrators for the University.

Guest Editor (2016-2017) International Journal of Information Systems for Crisis Response and Management.

Program Chair (2016) Information Systems for Crisis Response and Management (ISCRAM), Rio de Janeiro, Brazil. May 2016.

Guest Editor (2015-2016) Information, Communication and Society, CITASA Special issue will be Volume 19 No. 5 (cover month May 2016)

President (elected), (2014-2016) American Sociological Association, Section on Communication Information and Technologies.

Conference Organizer and Chair (2014) Information Systems for Crisis Response and Management (ISCRAM), Penn State University. University Park, PA, USA. May 18-21, 2014

Board Member (elected), (2014-2016) on Information Systems for Crisis Response and Management (ISCRAM).

Faculty Chair (appointed), (2013-2015) The GLOBE. (International Honors Living Option) Schreyers Honors College.

Member and Committee Chair (appointed), (2013-2015) Task Force on Social Media. American Sociological Association.

Committee Chair (appointed), (2013) William F. Ogburn Career Achievement Award Committee. Communications and Information Technologies Section of the American Sociological Association.

Director of the Collaboratory for Socio-Technical Scientists in IST (elected) (2012-2013) College of Information Sciences and Technology, Penn State University.

Co-Director, NSF-funded workshop. (2012) Research Institute for the Science of Socio-technical Systems. Location Santa Fe, New Mexico. July 2012.

Co-Director, NSF-funded workshop. (2012) Research Institute for the Science of Socio-technical Systems. Captiva Island, Florida. June 2011.

SELECTED KEYNOTE ADDRESSES (9)

K9 **Tapia A.** (2018, May). Developing for the Last Mile of Crisis: Where Analytics End and Community and Organization Begin. Keynote Address at *International Conference on Information Systems for Crisis Response and Management (ISCRAM)*. Rochester, NY.

K8 **Tapia, A.** (2018, April). Opening Ceremony Keynote Address for The iSchool Inclusion Institute. Keynote Address at *University of Pittsburgh - School of Computing and Information*. Pittsburgh, PA.

- K7 **Tapia, A.** (2017, December). Social Media Data and Platform Use by Emergency Management. Keynote Address at *Mission Critical Partners*. State College, PA.
- K6 **Tapia, A.** (2017, November). The Potential for Social Media Data and Platform Use by Public Safety Answering Points. Keynote Address at *Early Adopters Summit, Mission Critical Partners and the Council of Governments of North Texas*. Arlington, TX.
- K5 **Tapia, A.** (2017, May). Scanning the Landscape of Social Media for Disaster Response and Recovery. Keynote Address at *International Conference on Information Systems for Crisis Response and Management (ISCRAM)*. Albi, France.
- K4 **Tapia, A.** (2014, March). Crowd Participation in Identifying the Bomb and Bomber from the Boston Marathon Bombing. Keynote Address at *Åre Risk Event*. Åre, Sweden.
- K3 **Tapia, A.** (2014, February). Narrative, History, Audio, and Imagery in an Interdisciplinary Landscape Course: Everyday and Advanced Technologies in Citizen Science Story Maps. Keynote Address at *Social Media, Technologies and Participatory Citizen Science*. Athens, GA.
- K2 **Tapia, A.** (2010, June). Women in Information Science. Keynote Address at *The 89th Annual Graduate Women in Science National Meeting and Symposium*. State College, PA.
- K1 **Tapia, A.** (2009, February). Keynote Address at *Workshop for the Science of Socio-technical Systems*. Chapel Hill, NC.

JOURNAL ARTICLES (47)

- J47 Lalone, N., **Tapia, A.**, Grace, W. R., & Kropczynski, J. (2018). Reddit, Publics, and Expertise: The Evolution of Networked Publics through the Lens of Crisis Response. *Communication and the Public*. (in press)
- J46 Halse, S. E., **Tapia, A.**, Squicciarini, A., & Caragea, C. (2018). An emotional step toward automated trust detection in crisis social media. *Information Communication and Society*, 21(2), 288–305. <http://dx.doi.org/10.1080/1369118X.2016.1272618>
- J45 Barker, K., Lambert, J. H., Zobel, C. W., Tapia, A., Ramirez-Marquez, J. E., Albert, L., Nicholson, C. D., Caragea, C. (2017). Defining Resilience Analytics for Interdependent Cyber-Physical-Social Networks. *The Journal of Sustainable and Resilient Infrastructure*, 2(2), 59–67. <http://doi.org/10.1080/23789689.2017.1294859>
- J44 Lalone, N., **Tapia, A.**, Zobel, C. W., Caragea, C., Neppalli, V. K., & Halse, S. E. (2017). Embracing Human Noise as Resilience Indicator: Twitter as Power Grid Correlate. *The Journal of Sustainable and Resilient Infrastructure*, 2(4), 169–178. <http://doi.org/10.1080/23789689.2017.1328920>
- J43 Neppalli, V. K., Caragea, C., Squicciarini, A., **Tapia, A.**, & Stehle, S. (2017). Sentiment Analysis During Hurricane Sandy in Emergency Response. *International Journal of Disaster Risk Reduction*, 21, 213–222. <http://doi.org/doi.org/10.1016/j.ijdr.2016.12.011>
- J42 Neppalli, V. K., Caragea, C., Caragea, D., Medeiros, M. C., **Tapia, A.**, & Halse, S. E. (2016). Predicting Tweet Retweetability during Hurricane Disasters. *International Journal of Information Systems for Crisis Response and Management*, 8(3), 32–50. <http://doi.org/10.4018/IJISCRAM.2016070103>
- J41 Halse, S. E., & **Tapia, A.** (2016). Improving the Utility of Social Media Data to Emergency Responders through Emotional Content Detection. *International Journal of Information Systems for Crisis Response and Management*, 8(3), 18–31. <http://doi.org/10.4018/IJISCRAM.2016070102>

- J40 Case, N., MacDonald, E., McCloat, S., Lalone, N., & **Tapia, A.** (2016). Determining the Accuracy of Crowdsourced Tweet Verification for Auroral Research. *Citizen Science: Theory and Practice*, 1(2), 13. <http://doi.org/10.5334/cstp.52>
- J39 Lalone, N., & **Tapia, A.** (2016). Fluctuations, Technologies and Media: Social Change and Sociology Change. *Information, Communication & Society*, 19(5), 559–564. <http://doi.org/10.1080/1369118X.2016.1141972>
- J38 **Tapia, A.**, Giacobe, N., Soule, P. J., & Lalone, N. (2016). Scaling 911 Texting for Large-Scale Disasters: Developing Practical Technical innovations for Emergency Management at Public Universities. *International Journal of Public Administration in the Digital Age*, 3(3), 73–85. <http://doi.org/10.4018/IJPADA.2016070105>
- J37 MacDonald, E., Case, N., Hall, M., Heavner, M., Lalone, N., Patel, K. G., & **Tapia, A.** (2015). Aurorasaurus: a Citizen Science Platform for Viewing and Reporting the Aurora. *Space Weather*, 13(9), 548–559. <http://doi.org/10.1002/2015SW001214>
- J36 Case, N., MacDonald, E., Heavner, M., **Tapia, A.**, & Lalone, N. (2015). Mapping Auroral Activity with Twitter. *Geophysical Research Letters*, 42(10), 3668–3676. <http://doi.org/10.1002/2015GL063709>
- J35 Hughes, A. L., & **Tapia, A.** (2015). Social Media in Crisis: When Professional Responders Meet Digital Volunteers. *Journal of Homeland Security and Emergency Management*, 12(3), 679–706. <http://doi.org/10.1515/jhsem-2014-0080>
- J34 **Tapia, A.**, & Lalone, N. (2014). Crowdsourcing Investigations: Crowd Participation in Identifying the Bomb and Bomber from the Boston Marathon Bombing. *International Journal of Information Systems for Crisis Response and Management*, 6(4), 60–75. <http://doi.org/10.4018/IJISCRAM.2014100105>
- J33 Tapia, A., & Moore, K. (2014). Good Enough is Good Enough: Overcoming Disaster Response Organizations' Slow Social Media Data Adoption. *Journal of Computer Supported Cooperative Work (CSCW)*, 23(4–6), 483–512. <http://doi.org/10.1007/s10606-014-9206-1>
- J32 Ngamassi, L.-M., Maitland, C., & **Tapia, A.** (2013). Humanitarian Inter-organizational Information Exchange Network: How Do Clique Structures Impact Network Effectiveness? *VOLUNTAS: International Journal of Voluntary and Nonprofit Organizations*, 25(6), 1483–1508. <http://doi.org/10.1007/s11266-013-9403-4>
- J31 Ngamassi, L.-M., Maitland, C., **Tapia, A.**, & Kvasny, L. (2013). Humanitarian Inter-organizational Collaboration Network: Investigating the Impact of Network Structure and Information and Communication Technology on Organization Performance. *International Journal of Services Technology and Management*, 19(1–3), 19–42. <http://doi.org/10.1504/IJSTM.2013.054196>
- J30 **Tapia, A.**, Ngamassi, L.-M., Maldonado, E., & Maitland, C. (2013). Crossing Borders, Organizations, Levels, and Technologies: IS Collaboration in Humanitarian Relief. *Information Technologies & International Development*, 9(1), 1–17. Retrieved from <http://itidjournal.org/index.php/itid/article/view/1027>
- J29 Saab, D. J., **Tapia, A.**, Maitland, C., Maldonado, E., & Ngamassi, L.-M. (2013). Inter-organizational Coordination in the Wild: Trust Building and Collaboration Among Field-Level ICT Workers in Humanitarian Relief Organizations. *VOLUNTAS: International Journal of Voluntary and Nonprofit Organizations*, 24(1), 194–213. <http://doi.org/10.1007/s11266-012-9285-x>
- J28 **Tapia, A.**, Maldonado, E., Ngamassi, L.-M., & Maitland, C. (2012). Coordinating Humanitarian Information: The Problem of Organizational and Technical Trajectories. *Information Technology & People*, 25(3), 240–258. <http://doi.org/10.1108/09593841211254312>

*****Outstanding Paper Award Winner at the Literati Network Awards for Excellence 2013.**

- J27 Zhao, K., Yen, J., Ngamassi, L.-M., Maitland, C., & **Tapia, A.** (2012). Simulating Inter-organizational Collaboration Network: a Multi-relational and Event-based Approach. *Simulation: Transactions of the Society for Modeling and Simulation International*, 88(5), 617–633. <http://doi.org/10.1177/0037549711421942>
- J26 Blodgett, B., & **Tapia, A.** (2011). Do Avatars Dream of Electronic Picket Lines?: The Blurring of Work and Play in Virtual Environments. *Information Technology & People*, 24(1), 26–45. <http://doi.org/10.1108/09593841111109404>
- J25 **Tapia, A.**, Kvasny, L., & Ortiz, J. A. (2011). A Critical Discourse Analysis of Three US Municipal Wireless Network Initiatives for Enhancing Social Inclusion. *Telematics and Informatics*, 28(3), 215–226. <http://doi.org/10.1016/j.tele.2010.07.002>
- J24 Ngamassi, L.-M., Maldonado, E., Zhao, K., Robinson, H., Maitland, C., & **Tapia, A.** (2011). Exploring Barriers to Coordination Between Humanitarian NGOs: A Comparative Case Study of Two NGOs Information Technology Coordination Bodies. *International Journal of Information Systems and Social Change*, 2(2), 1–25. <http://doi.org/10.4018/jissc.2011040101>
- J23 Ngamassi, L.-M., Zhao, K., Maldonado, E., Maitland, C., & **Tapia, A.** (2011). Humanitarian Information Exchange Networks: Why Do International Humanitarian Organizations Collaborate? *International Journal of Society Systems Science*, 3(4), 362–384. <http://doi.org/10.1504/IJSS.2011.043213>
- J22 Techatassanasoontorn, A., **Tapia, A.**, & Powell, A. (2011). Learning Processes In Municipal Broadband Projects: An Absorptive Capacity Perspective. *Telecommunications Policy*, 34(10), 572–595. <http://doi.org/10.1016/j.telpol.2010.06.001>
- J21 Jansen, B. J., **Tapia, A.**, & Spink, A. (2010). Searching for salvation: An analysis of religious searching on the World Wide Web. *Religion*, 40(1), 39–52. <http://doi.org/10.1016/j.religion.2009.07.002>
- J20 **Tapia, A.**, & Ortiz, J. A. (2010). Network Hopes: Municipalities Deploying Wireless Internet to Increase Civic Engagement. *Social Science Computer Review*, 28(1), 93–117. <http://doi.org/10.1177/0894439309335169>
- J19 Maldonado, E., Maitland, C., & **Tapia, A.** (2010). Collaborative Systems Development in Disaster Relief: The Impact of Multi-level Governance. *Information Systems Frontiers*, 12(1), 9–27. <http://doi.org/10.1007/s10796-009-9166-z>
- J18 Zhao, K., Yen, J., Ngamassi, L.-M., Maitland, C., & **Tapia, A.** (2009). Modeling Emerging Coalitions in the Context of Inter-Organizational Networks : A Case Study of Humanitarian Coordination. *International Journal of Intelligent Control and Systems*, 14(1), 97–103. Retrieved from <https://pdfs.semanticscholar.org/d2f3/50410b82bee20ff618e2838a48c89374aff2.pdf>
- J17 **Tapia, A.**, Powell, A., & Ortiz, J. A. (2009). Reforming Policy to Promote Local Broadband Networks. *Journal of Communication Inquiry*, 33(4), 354–375. <http://doi.org/10.1177/0196859909340799>
- J16 **Tapia, A.**, & Maitland, C. (2009). The Data Collection Imperative: The Implications of Wireless Device Use For Humanitarian Accountability. *Information, Communication and Society*, 12(4), 584–604.
- J15 **Tapia, A.** H., & Maldonado, E. (2009). An ICT Skills Cascade: Government-Mandated Open Source Policy as a Potential Driver for ICT Skills Transfer. *Information Technologies & International Development*, 5(2), 31–51. Retrieved from <http://itidjournal.org/itid/article/view/359>
- J14 Ortiz, J. A., & **Tapia, A.** (2008). Deploying for Deliverance: The Digital Divide Discourse in Municipal Wireless Networks. *Sociological Focus*, 41(3), 256–275. <http://doi.org/10.1080/00380237.2008.10571334>

- J13 **Tapia, A.**, & Ortiz, J. A. (2008). Keeping Promises: Municipal communities struggle to fulfill promises to narrow the digital divide with Municipal Community Wireless Networks. *The Journal of Community Informatics*, 4(1). Retrieved from <http://ci-journal.net/index.php/ciej/article/view/436>
- J12 Maitland, C., & **Tapia, A.** (2007). Coordinated ICTs for Effective Use in Humanitarian Assistance. *The Journal of Information Technology in Social Change*, 1(1), 128–141. Retrieved from <http://www.bligoo.com/media/users/0/908/files/JITSC-Apr07-MJ-1.pdf#page=129>
- J11 Sawyer, S., & **Tapia, A.** (2007). From Findings to Theories: Institutionalizing Social Informatics. *The Information Society*, 23(4), 263–275. <http://doi.org/10.1080/01972240701444196>
- J10 Helen, R., **Tapia, A.**, & Kvasny, L. (2006). Applying Critical Theory to the Study of ICT. *Social Science Computer Review*, 24(3), 1–8. <http://doi.org/10.1177/0894439306287971>
- J9 **Tapia, A.**, Maitland, C., & Stone, M. (2006). Making IT Work for Municipalities: Building Municipal Wireless Networks. *Government Information Quarterly*, 23(3–4), 359–380. <http://doi.org/10.1016/j.giq.2006.08.004>
- J8 **Tapia, A.** (2006). Hostile Work Environment.Com: Increasing Participation of Underrepresented Groups, Lessons Learned from the Dot-Com Era. *ACM SIGMIS Database: The DATABASE for Advances in Information Systems*, 37(4), 79–98. <http://doi.org/10.1145/1185335.1185346>
- J7 Sawyer, S., & **Tapia, A.** (2006). Always Articulating: Theorizing on Using Information and Communication Technologies. *The Information Society*, 22(5), 311–324. <http://doi.org/10.1080/01972240600904258>
- J6 Sawyer, S., & **Tapia, A.** (2005). The Sociotechnical Nature of Mobile Computing Work: Evidence from A Study of Policing in the United States. *International Journal of Technology and Human Interaction (IJTHI)*, 1(3), 1–14. <http://doi.org/10.4018/jthi.2005070101>
- J5 **Tapia, A.** (2004). The Power of Myth in the IT Workplace: Creating a 24-Hour Workday During the Dot-Com Bubble. *Information Technology & People*, 17(3), 303–326. <http://doi.org/10.1108/09593840410554201>
- J4 Sawyer, S., **Tapia, A.**, Pesheck, L., & Davenport, J. (2004). Mobility and the First Responder. *Communications of the ACM - Homeland Security*, 47(3), 62–65. <http://doi.org/10.1145/971617.971647>
- J3 **Tapia, A.** (2003). Technomillennialism: Y2K: A Subcultural Response to a Technological Threat. *Science, Technology, & Human Values*, 28(4), 483–512. <http://doi.org/10.1177/0162243903252763>
- J2 **Tapia, A.** (2002). Techno-Armageddon: The Millennial Christian Response to Y2K. *Review of Religious Research*, 43(3), 266–268. <http://doi.org/10.2307/3512332>
- J1 **Tapia, A.** (2000). Y2K: Apocalyptic Opportunism. *Enculturation*, 3(1). Retrieved from http://enculturation.net/3_1/hoplight.html.
- [Reprint] **Tapia, A.** (2001). Y2K: Apocalyptic Opportunism. *Journal of Communication and Languages, Revista de Comunicacao e Linguagens*, 30, 307-326.

JOURNAL PUBLICATIONS UNDER REVIEW (4)

- Grace, W. R., **Tapia, A.**, Kropczynski, J., Halse, S., & Aurite, W. (2018). Sensing disruption: Examining hyperlocal twitter activity during a severe weather event. *Risk Analysis*. [under review].
- Tapia, A.**, & Lalone, N. (2018). The Structuring of Emergent Group Offering Behaviors Immediately After the Boston Marathon Bombing. *Risk Analysis*. [under review].

Tapia, A., Hughes, A. L., & Lalone, N. (2018). The Verification Pause: When Information Access Slows Reaction to Crisis Events. *International Journal of Information Systems for Crisis Response and Management*. [under review].

Grace, W. R., Kropczynski, J., Halse, S., & **Tapia, A.** (n.d.). Enhancing community preparedness through Social Triangulation: Understanding information curation behavior to locate and reach local social media users. *International Journal of Human-Computer Interaction*. [in preparation].

PEER REVIEWED CONFERENCE PROCEEDINGS (69)

C69 Halse, S. E., Montarnal, A., **Tapia, A.**, & Benaben, F. (2018). Bad Weather Coming: Linking social media and weather sensor data. In *International Conference on Information Systems for Crisis Response and Management (ISCRAM)*. Rochester, NY. Retrieved from http://iscram2018.rit.edu/sites/rit.edu.iscrum2018/files/docs/2018_ISCRAM_Conference_Proceedings.pdf

C68 Grace, W. R., Kropczynski, J., & **Tapia, A.** (2018). Community Coordination: Cooperative Uses of Social Media in Community Emergency Management. In *International Conference on Information Systems for Crisis Response and Management (ISCRAM)*. Rochester, NY. Retrieved from http://iscram2018.rit.edu/sites/rit.edu.iscrum2018/files/docs/2018_ISCRAM_Conference_Proceedings.pdf

C67 Halse, S. E., **Tapia, A.**, & Kropczynski, J. (2018). Examining A Disaster Dataset Utilizing Social Network Analysis To Detect Stability. In *International Conference on Information Systems for Crisis Response and Management (ISCRAM)*. Rochester, NY. Retrieved from http://iscram2018.rit.edu/sites/rit.edu.iscrum2018/files/docs/2018_ISCRAM_Conference_Proceedings.pdf

C66 Lalone, N., Kropczynski, J., & **Tapia, A.** (2018). The Symbiotic Relationship of Crisis Response Professionals and Enthusiasts as Demonstrated by Reddit 's User-Interface Over Time. In *International Conference on Information Systems for Crisis Response and Management (ISCRAM)*. Rochester, NY. Retrieved from <https://tinyurl.com/ya83y49w>

C65 Kropczynski, J., Halse, S. E., & **Tapia, A.** (2018). Using Metrics of Stability to Identify Points of Failure and Support in Online Information Distribution during a Disaster. In *International Conference on Information Systems for Crisis Response and Management (ISCRAM)*. Rochester, NY. Retrieved from http://iscram2018.rit.edu/sites/rit.edu.iscrum2018/files/docs/2018_ISCRAM_Conference_Proceedings.pdf

C64 Montarnal, A., Halse, S., **Tapia, A.**, Truptil, S., & Benaben, F. (2017). Montarnal, A., Halse, S., Tapia, A., Truptil, S., & Benaben, F. (2017). Automated emergence of a crisis situation model in crisis response based on tweets. In *PRO-VE 18th Working Conference on Virtual Enterprises*. Venice, Italy: Springer, Cham. http://doi.org/10.1007/978-3-319-65151-4_58

C63 Halse, S. E., **Tapia, A.**, & Montarnal, A. (2017). Detection of both Slow and Fast Onset Crisis Events Through Social Media Data for the Crisis Responder. In *Information Systems for Crisis Response and Management (ISCRAM)*. Albi, France. Retrieved from http://idl.iscrum.org/files/tinacomes/2017/1440_TinaComes_etal2017.pdf

C62 Grace, W. R., Kropczynski, J., Pezanowski, S., Halse, S. E., Umar, P., & **Tapia, A.** (2017). Social Triangulation: A New Method to Identify Local Citizens Using Social Media And Their Local Information Curation Behaviors. In *Information Systems for Crisis Response and Management (ISCRAM)* (pp. 902–915). Albi, France. Retrieved from <https://pennstate.pure.elsevier.com/en/publications/social-triangulation-a-new-method-to-identify-local-citizens-usin>.

Best paper nomination

C61 Lalone, N., & **Tapia, A.** (2016). Three Lessons from Aurasaurus about Public Facing Information System Design. In *International Conference on Information Systems for Crisis Response and Management (ISCRAM)*. Rio De

- Janeiro, Brazil. Retrieved from <https://pennstate.pure.elsevier.com/en/publications/three-lessons-from-aurorasaurus-about-public-facing-information-s>
- C60 Halse, S. E., **Tapia, A.**, Squicciarini, A., & Caragea, C. (2016). An Emotional Step Towards Automated Trust Detection in Crisis Social Media. In *International Conference on Information Systems for Crisis Response and Management (ISCRAM)*. Rio De Janeiro, Brazil. Retrieved from http://idl.iscrum.org/files/shaneerrolhalse/2016/1414_ShaneErrolHalse_etal2016.pdf
- C59 Halse, S. E., **Tapia, A.**, Squicciarini, A., Caragea, C., (2016), Tweet Factors Influencing Trust and Usefulness During Both Man-Made and Natural Disasters, *International Conference on Information Systems for Crisis Response and Management (ISCRAM)*, May 22-26, Rio De Janeiro, Brazil. Retrieved from <https://pennstate.pure.elsevier.com/en/publications/tweet-factors-influencing-trust-and-usefulness-during-both-man-ma>
- C58 Caragea, C., Silvescu, A., & **Tapia, A.** (2016). Identifying Informative Messages in Disasters using Convolutional Neural Networks. In *International Conference on Information Systems for Crisis Response and Management (ISCRAM)*. Rio De Janeiro, Brazil. Retrieved from <https://pdfs.semanticscholar.org/b833/75bf88ed6af20840518348cdab05d0b4d33b.pdf>
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- C55 Patel, K., MacDonald, E., Case, N., Hall, M., Clayton, J., Heavner, M., **Tapia, A.**, Lalone, N., McCloat, S. (2015). Crowd-sourcing, Communicating, and Improving Auroral Science at the Speed of Social Media through Aurorasaurus.org. In *American Geophysical Union Fall Meeting*. San Francisco, CA. Retrieved from <https://agu.confex.com/agu/fm15/meetingapp.cgi/Paper/83454>
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- C47 Stamatou, K. M., Vogiatzis, D., Paliouras, G., Truong, B., Caragea, C., Squicciarini, A., & **Tapia, A.** (2014). Social Dynamics of Tweets: Case Study Hurricane Sandy. In *KDD-Workshop on Learning about Emergencies from Social Information*. New York, NY.
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- C24 **Tapia, A.**, Blodgett, B., & Jang, J. (2009). The Merging of Telecommunications Policy and Science Policy through Broadband Stimulus Funding. In *Telecommunications Policy Research Conference (TPRC)* (pp. 1–25). Washington, D.C. Retrieved from <https://ssrn.com/abstract=1997778>
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- C16 Maldonado, E., & **Tapia, A.** (2007). Government-Mandated Open Source Development: The Case Study of Venezuela. In *Telecommunications Policy Research Conference (TPRC)* (pp. 1–21). Washington, D.C. Retrieved from <https://ssrn.com/abstract=2103922>
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- C13 Pusey, B., Maitland, C., **Tapia, A.**, & Yen, J. (2007). A Survey of Trust Models in Agent Applications. In *North American Association for Computational Social and Organizational Sciences (NAACSOS)*. Atlanta, GA. Retrieved from <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.93.9032>
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- C8 **Tapia, A.**, & Ortiz, J. A. (2006). Municipal Responses to State-Level Broadband Internet Policy. In *Telecommunications Policy Research Conference (TPRC)*. Washington, D.C. Retrieved from <https://ssrn.com/abstract=2115301>
- C7 **Tapia, A.**, & Ortiz, J. A. (2006). Deploying for Deliverance: The Digital Divide Discourse in Municipal Wireless Networks. In *American Conference on Information Systems (AMCIS)*. Acapulco, Mexico. Retrieved from <http://aisel.aisnet.org/amcis2006/97>
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- C3 **Tapia, A.**, & Kvasny, L. (2004). Recruitment is Never Enough: Retention of Women and Minorities in the IT Workplace. In *Applied Computing Machinery, Special Interest Group, Management of Information Systems and Computer Professional Research (ACM SIG MIS/CPR)*. Tucson, AZ. <http://doi.org/10.1145/982372.982392>
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CONFERENCE PROCEEDINGS UNDER REVIEW (2)

Grace, W. R., Kropczynski, J., & **Tapia, A.** (n.d.). Social media imaginary: How emergency responders utilize citizen observations on the web. *The ACM CHI Conference on Human Factors in Computing Systems (CHI)*. [in preparation].

Tapia, A., Grace, W. R., Kropczynski, J., & Halse, S. (n.d.). Improving the accuracy of finding local crisis communications in Social Media using Social Triangulation. In *Computer Supported Collaborative Work (CSCW)*. [in preparation].

PARTS OF BOOKS (15)

B15 **Tapia, A.**, & Moore, K. (2017). Special Issue on Contextual Data for Crisis Management and Response. Editorial Introduction to a Special Issue of *International Journal of Information Systems for Crisis Response and Management*, 8(3). Retrieved from <https://tinyurl.com/yc86bhb2>

B14 **Tapia, A.**, & Moore, K. (2017). Special Issue on Building Resilience through Information and Crisis Management and Response. Editorial Introduction to a Special Issue of *International Journal of Information Systems for Crisis Response and Management* 8(2). Retrieved from <https://tinyurl.com/yan42uka>

B13 Ngamassi, L.-M., & **Tapia, A.** (2015). Collaborative Humanitarianism: Networks and Information Management as Potential for Social Good. In R. E. Anderson (Ed.), *World Suffering and Quality of Life* (pp. 367–383). Dordrecht: Springer. <http://doi.org/10.1007/978-94-017-9670-5>

B12 Ngamassi, L.-M., Maldonado, E., Zhao, K., Robinson, H., Maitland, C., & **Tapia, A.** (2013). Exploring Barriers to Coordination between Humanitarian NGOs: A Comparative Case Study of Two NGO's Information Technology Coordination Bodies. In J. Wang (Ed.), *Information Systems and Modern Society: Social Change and Global Development* (1st ed., pp. 87–112). Hershey, PA: IGI Global. <http://doi.org/10.4018/978-1-4666-2922-6>

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B10 **Tapia, A.** (2009). Municipal Wireless and A National Broadband Policy. In A. M. Schejter (Ed.), *...And Communications for All: A Policy Agenda for the New Administration* (pp. 223–238). Lanham, MD: Lexington Books. Retrieved from <https://tinyurl.com/y9flw3ns>

B9 Maldonado, E., & **Tapia, A.** (2008). Analyzing Public Open Source Policy: The Case Study of Venezuela. In M. Barrett, E. Davidson, C. Middleton, & J. Degross (Eds.), *Information Technology in the Service Economy: Challenges and Possibilities for the 21st Century* (pp. 249–257). Boston, MA: Springer. Retrieved from <https://www.springer.com/us/book/9780387097671>

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B7 **Tapia, A.**, El-Nasr, M. S., Yucel, I., Zupko, J., & Maldonado, E. (2007). Building Virtual Spaces: Games as Gatekeepers for the IT Workforce. In K. Crowston, S. Sieber, & E. Wynn (Eds.), *Virtuality and Virtualization* (pp. 317–334). Boston, MA: Springer. <http://doi.org/10.1007%2F978-0-387-73025-7>

B6 **Tapia, A.** (2006). The Making of a Homogeneous IT Work Environment. In E. M. Trauth (Ed.), *Encyclopedia of Gender and Information Technology* (pp. 870–875). Hershey, PA: IGI Global. <http://doi.org/10.4018/978-1-59140-815-4.ch136>

- B5 **Tapia, A.** (2006). Information Technology Enabled Employee Deviance. In F. Niederman & T. W. Ferratt (Eds.), *IT Workers: Human Capital Issues in a Knowledge-Based Environment* (pp. 405–439). Greenwich, CT: Information Age Publishing, Inc. Retrieved from <http://www.infoagepub.com/index.php?id=11&p=1-59311-446-X>
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- B3 **Tapia, A.** (2004). Resistance or Deviance? A High-Tech Workplace During the Bursting of the Dot-Com Bubble. In B. Kaplan, D. Truex, D. Wastell, A. Wood-Harper, & J. DeGross (Eds.), *Information Systems Research: Relevant Theory and Informed Practice* (pp. 577–596). Dordrecht: Springer. Retrieved from <https://www.springer.com/us/book/9781402080944>
- B2 Sawyer, S., & **Tapia, A.** (2004). The Computerization of Work: A Social Informatics Perspective. In J. George (Ed.), *Computers in society: privacy, ethics, and the Internet* (pp. 93–109). Upper Saddle River, NJ: Prentice Hall. Retrieved from <https://www.worldcat.org/title/computers-in-society-privacy-ethics-and-the-internet/oclc/52071415>
- B1 **Tapia, A.**, Kvasny, L., & Trauth, E. M. (2003). Is There a Retention Gap for Women and Minorities: The Case For Moving In Versus Moving Up. In M. Igarria & C. Shayo (Eds.), *Strategies for Managing IS/IT Personnel* (pp. 143–164). IGI Global. <http://doi.org/10.4018/978-1-59140-128-5>

INVITED PRESENTATIONS AND PANELS (41)

- I41 **Tapia, A.** (2017, December). Mobile Data and Social Media Platforms Use Are Disrupting Emergency Operations. Invited Address at *Mission Critical Partners Webinar*. Online.
- I40 **Tapia, A.** (2017, July). Socio-Technical Scholarship in the Future. Invited Address at *Consortium for Socio-Technical Scholars - Summer Institute (CSST)*. Isle of Palms, SC.
- I39 **Tapia, A.** (2016, July). Social Media use and verification by emergency responders. Invited Address at University of Costa Rica. San Jose, Costa Rica. 40 in attendance.
- I38 **Tapia, A.** (2016, June). Collective Mapping of Ash Falls - Turrialba Volcano 2016. Invited Address at *University of Costa Rica*. San Jose, Costa Rica.
- I37 **Tapia, A.** (2016, June). Crowdsourcing and Citizen Science in Emergency Management. Invited Address at *University of Costa Rica*. San Jose, Costa Rica.
- I36 **Tapia, A.** (2016, May). State of the Union - ISCRAM Community - Program Chair. Invited Address at *International Conference on Information Systems for Crisis Response and Management (ISCRAM)*. Rio de Janeiro, Brazil.
- I35 **Tapia, A.** (2016, January). The Digital Neighborhood Watch. Invited Address at *University of Colorado - School of Information*. Boulder, CO.
- I34 **Tapia, A.** (2015, October). The Technology-Mediated Verification Pause in Disaster Notifications. Invited Address at *Syracuse University - School of Information*. Syracuse, NY
- I33 **Tapia, A.** (2015, October). Disaster Notifications and the Dangerous Elongation of the Verification Pause. Invited Address at *Michigan State University - School of Information*. East Lansing, MI.

- I32 MacDonald, E., **Tapia, A.**, LaLone, N., Case, N., Hall, M., Heavner, M. (2015, May). Dispatches from the Field, Engaging the Public: Best Practices for Crowdsourcing Across the Disciplines. Leader and Organizer at *National Forum in Crowdsourcing for Libraries and Archives: Creating a Crowdsourcing Consortium*. College Park, MD.
- I31 **Tapia, A.** (2015, May). Panel on Information Systems for Ebola response and research. Leader and Organizer at *International Conference on Information Systems for Crisis Response and Management (ISCRAM)*. Kristiansand, Norway.
- I30 MacDonald, E., **Tapia, A.**, LaLone, N., Case, N., Hall, M., Heavner, M. (2015, May). Using Citizen Science and Crowdsourcing via Aurorasaurus as a Near Real Time Data Source for Heliophysics Applications. Invited Address at *NASA Headquarters - Science Mission Directorate brown-bag series*. Washington, D.C.
- I29 MacDonald, E., **Tapia, A.**, LaLone, N., Case, N., Hall, M., Heavner, M. (2015, March). Using Tweets and Ground Truth for Innovative Methods in Space Science. Invited Address at *Inner Magnetosphere Coupling (IMC-III) Workshop*. Los Angeles, CA.
- I28 **Tapia, A.**, Lalone, N., MacDonald, E.A., Hall, M. (2014, November). AURORASURUS: Citizen Science, Early Warning Systems and Space. Invited Address at *Conference on Human Computation & Crowdsourcing (HCOMP) – Citizen + X: Volunteer-Based Crowdsourcing in Science, Public Health, and Government Workshop*. Pittsburgh, PA.
- I27 **Tapia, A.** (2014, August). Mobile Technologies, Mobile Mapping for Emergencies in the Developing World. Invited Address at *University of Costa Rica - Central American School of Geology - Department of Seismology, Vulcanology and Geophysical Research*. San Jose, Costa Rica.
- I26 **Tapia, A.** (2014, July). Invited Address at *University of Missouri - Consortium of Socio-Technical Scholars (CSST) - Summer Institute*. Columbia, MO.
- I25 **Tapia, A.** (2014, May). Crowdsourcing Crisis Response: The Boston Marathon Bombing. Panel Organizer and Panel Presented at *International Conference on Information Systems for Crisis Response and Management (ISCRAM)*. State College, PA.
- I24 **Tapia, A.** (2013, June). Tropical Botanical Garden (China) sustainability and biodiversity conservation in the tropics. Invited Address at *National Science Foundation (NSF)-funded Workshop with Organization for Tropical Studies (OTS-Costa Rica), The Xishuangbanna Tropical Botanical Garden-Chinese Academy of Sciences (XTBG-CAS), and the Center for Tropical Forest Science (CTFS-Smithsonian)*. Las Cruces, Costa Rica.
- I23 **Tapia, A.** (2012, November). Technologies for Improved Disaster Response: The Case for Law, Radios and Collaboration in Costa Rica. Invited Address at *The Pennsylvania State University - Fulbright Speaker Series*. State College, PA.
- I22 **Tapia, A.** (2012, October). Invited Address at *International Conference Crisis Mappers*. Washington, D.C.
- I21 **Tapia, A.** (2012, October). Technologies for Improved Disaster Response: The Case for Law, Radios and Collaboration in Costa Rica. Invited Address at *The Pennsylvania State University - College of Information Sciences and Technology*. State College, PA.
- I20 **Tapia, A.** (2012, May). The Internet and Social Media in Emergency Management and Response. Invited Address at *The National Commission for Emergencies of Costa Rica*. San Jose, Costa Rica.
- I19 **Tapia, A.** (2012, April). Technologies in Disaster Management and Response. Invited Address at *USAID - Forum on the Development of a National Higher Education in Risk Management and Emergency Response in Costa Rica*. San Jose, Costa Rica.

- 118 **Tapia, A.** (2012, March). Information in Emergencies. Masters Presentation at *University of Costa Rica - Gestion del Riesgo en Desastres y Atención de Emergencias*. San Jose, Costa Rica.
- 117 **Tapia, A.** (2012, February). ICTs and Emergency Response. Invited Address at *University of Costa Rica - University Colloquium*. San Jose, Costa Rica.
- 116 **Tapia, A.** (2012, January). Socio-Technical Theory and Complex Emergencies. Invited Address at *University of Costa Rica - Central American School of Geology, Department of Seismology, Vulcanology and Geophysical Research University of Costa Rica*. San Jose, Costa Rica.
- 115 Yen, J., Caragea, C., Kim, H. W., Mitra, P., Giles, C. L., **Tapia, A.**, Jansen, B. J., Wu, D., Jaiswal, A., Traylor, G., Maslowski, A., Ngamassi, L.-M. (2011, September). EMERSE: Enhanced Messaging for the Emergency Response Sector. Invited Address at *National Science Foundation (NSF) RAPID Workshop – Haiti*. Arlington, VA.
- 114 **Tapia, A.**, Ocker, R., Rosson, M., Blodgett, B., Ryan, T., (2010, October). Information Science Approaches to Studying Virtual Organizations: A Panel. Panel Presented at *The American Society for Information Science and Technology (ASIST)*. Pittsburgh, PA.
- 113 **Tapia, A.** (2009, November). ...and Communications for All: A Policy Agenda for the New Administration. Book Launch Given to the Obama Transition Team November 23rd, 2008. Presented to Congress January 26th, 2009. New America Foundation. Appeared on CSPAN 3.
- 112 **Tapia, A.** (2009, February). Gaming and Virtual Worlds Panel. Invited Address at *IST Graduate Symposium*. State College, PA.
- 111 **Tapia, A.** (2008, September). The Future of American Broadband Policy. Invited Address at *Telecommunication Policy Research Conference (TPRC)*. Washington, D.C.
- 110 **Tapia, A.**, Smith, M., Giles, L., Adamic, L., Vespigani, A., Foley, H., Smith, B. (2008, February). Round Table on Social Network Analysis. Panel Presented at *iConference*. Los Angeles, CA.
- 19 **Tapia, A.** (2008, January - February). Gaming and Virtual Worlds. Panel Presented at *IST Graduate Symposium*. State College, PA.
- 18 **Tapia, A.** (2007, November). CWIRP: Community Wireless Infrastructure Research Project. Invited Address at *University of Toronto and Ryerson University*. Toronto, ON.
- 17 **Tapia, A.** and Maitland, C. (2007, October). Global Symposium Analysis. Invited Address at *United Nations Office of Coordination for Humanitarian Affairs (OCHA) Global Symposium*. Geneva, Switzerland.
- 16 **Tapia, A.** (2006, November) Social Sciences and Humanities Research Council (SSHRC). Invited Address at *University of Toronto and Ryerson University*. Toronto, ON.
- 15 **Tapia, A.** and Sawyer, S. (2004, June). Organizational Articulation Change and Growth: Mobile Technology and Criminal Justice Personnel. Invited Address at *Napier University - Workshop on Understanding Socio-technical Action*. Edinburgh, UK.
- 14 Sawyer, S. and **Tapia, A.** (2003, October), Mobility, Work and Governance: A Field Study of Public Safety. Invited Address at *Case Western University - Ubiquitous Computing Workshop*. Cleveland, OH.
- 13 **Tapia, A.** (2003, April). The Dot Com Bubble and Gender: Some Implications for the IT Industry. Invited Address at *The Pennsylvania State University Labor Studies and Industrial Relations 60th Anniversary Symposium - Workplace Issues for the 21st Century (Diversity, Work and Family, etc)*. State College, PA.

- I2 Sawyer, S. and **Tapia, A.** (2003, March). From Findings to Theories: Speculating on the Future of Social Informatics. Invited Address at *University of California at Irvine - National Science Foundation and the Center for Research on Information Technology and Organizations – Social Informatics Workshop*. Irvine, CA.
- I1 Sawyer, S. and **Tapia, A.** (2003, March). Invited Address at *National Science Foundation and the Center for Research on Information Technology and Organizations*. Irvine, CA.

CONFERENCE PRESENTATIONS (without proceedings) (25)

- P25 **Tapia, A.** (2012, April). Technologies in Disaster management and Response. Presented at *USAID*. San Jose, Costa Rica.
- P24 Li, N., Rosson, M. B., Ocker, R., Ryan, T., & **Tapia, A.** (2012, February). Designing for Ownership, Access and Participation in Data-Centric Physical Anthropology Collaborations. Presented at *iConference*. Seattle, WA.
- P23 Nicholson, S., MacInnes, I., & **Tapia, A.** (2011, February). Gaming and Education in the I-Schools. Presented at *iConference*. Urbana-Champaign, IL.
- P22 MacInnes, I., & **Tapia, A.** (2010, February). Exploring the Role of Games in the I-Schools. Presented at *iConference*. Urbana-Champaign, IL.
- P21 **Tapia, A.**, Ocker, R., Rosson, M. B., & Blodgett, B. (2010, February). Two Layered Structure in Scientific Collaborations. Presented at *Computer Supported Collaborative Work (CSCW)*. Savannah, GA.
- P20 Kendall, L., Haythornthwaite, C., **Tapia, A.**, Fisher, K., & Kelly, D. (2009, February). Wildcard on Teaching Research Methods in I-schools. Presented at *iConference*. Chapel Hill, NC.
- P19 **Tapia, A.**, & Maitland, C. (2008, August). The Data Collection Imperative: The Implications of Wireless Device Use For Humanitarian Accountability. Presented at *American Sociological Association Annual Meeting*. Boston, MA.
- P18 Maldonado, E., & **Tapia, A.** (2007, August). Government Sponsored Open Source Initiatives as a Path to Economic Development. Presented at *American Sociological Association Annual Meeting*. New York, NY.
- P17 **Tapia, A.**, El-Nasr, M. S., Yucel, I., Zupko, J., & Smith, B. (2007, February). Middle-to-high school Girls as Game Designers – What are the learning implications? Presented at *2nd Annual Microsoft Academic Days Conference on Game Development*. Disney Wonder Cruise Ship.
- P16 **Tapia, A.** (2006, August). Bandwithing Together: Municipal Wireless Broadband Networks. Presented at *American Sociological Association Annual Meeting*. Montreal, QC.
- P15 **Tapia, A.**, & Sawyer, S. (2005, August). Mobile Computing and Workplace Change. Presented at *American Sociological Association Annual Meeting*. Philadelphia, PA.
- P14 **Tapia, A.**, & Sawyer, S. (2004, August). Increased Articulation for Criminal Justice Personnel using Mobile Technology. Presented at *American Sociological Association Annual Meeting*. San Francisco, CA.
- P13 **Tapia, A.** (2003, August). The Rush is Over: Causes and Implications of Dot Com Failure. Presented at *American Sociological Association Annual Meeting*. Atlanta, GA.
- P12 **Tapia, A.** (2002, April). The Death of the Dot-Com: Life Cycle Changes in High Tech Industry. Presented at *Pacific Sociological Association*. Vancouver, BC.

- P11 **Tapia, A.** (2001, November). The Romper Room Workplace. Presented at *Society for Social Studies of Science (45)*. Boston, MA.
- P10 **Tapia, A., & Cruz, G.** (2001, August). La Casa Virtual de la Fraternidad Latino Greek-letter Student Organizational Subcultures (SOS): Latino Identity and Computer Technology. Presented at *American Sociological Association Annual Meeting*. Anaheim, CA.
- P9 **Tapia, A.** (2001, August). Y2K and Collective Millennial Action. Presented at *American Sociological Association Annual Meeting*. Anaheim, CA.
- P8 **Tapia, A.** (2001, March). Changing Hiring Practices in the Technologically Focused Workplace. Presented at *Pacific Sociological Association*. San Francisco, CA.
- P7 **Tapia, A.** (2001, March). Techno-millennialism. Presented at *Pacific Sociological Association*. San Francisco, CA.
- P6 **Tapia, A.** (2000, March). Y2K: Millennial Expectations and Disappointment. Presented at *Pacific Sociological Association*. San Diego, CA.
- P5 **Tapia, A.** (1999, August). Y2K: Fear and Hope. Presented at *American Sociological Association Annual Meeting*. Chicago, IL.
- P4 **Tapia, A.** (1999, April). Y2K: Apocalyptic Opportunism. Presented at *Pacific Sociological Association*. Portland, OR.
- P3 **Tapia, A.** (1997, August). The Three R's of Networked Communication, Reading, Writing and Reality. Presented at *The Society for the Study of Social Problems*. Toronto, ON.
- P2 **Tapia, A.** (1997, August). The Nature of On-line Communication. Presented at *American Sociological Association Annual Meeting*. Toronto, ON.
- P1 **Tapia, A., & Burris, B.** (1996, August). Electronic Communication. Presented at *American Sociological Association Annual Meeting*. New York, NY.

RESEARCH FUNDING (Total Funding \$4,239,009)

Title: BIGDATA: IA: Collaborative Research: Domain Adaptation Approaches for Classifying Crisis Related Data in Social Media

Funding Source: National Science Foundation, BIGDATA 1741370, \$400,000

Role: PI with C. Caragea (Co-PI) and D. Caragea (Co-PI)

Date: January 2018-December 2020

Title: Supplement CRISP Type 2/Collaborative Research: Resilience Analytics: A Data-Driven Approach for Enhanced Interdependent Network Resilience

Funding Source: National Science Foundation, CRISP (Critical Resilient Interdependent Infrastructure Systems and Processes) Division Of Civil, Mechanical, and Manufacturing, Infrastructure Management and Extreme Events. Number 1541155, \$100,000

Role: PI with Jessica Kropczynski (Co-PI)

Date: May 2016- May 2017

Title: CHS: Small: Collaborative Research: Automating Relevance and Trust Detection in Social Media Data for Emergency Response

Funding Source: National Science Foundation, Cyber-Human Systems, 1526542 and 1526678, \$250,000

Role: PI with A. Squicciarini (Co-PI) and C. Caragea (Co-PI)

Date: September 2015-August 2018

Title: CRISP Type 2/Collaborative Research: Resilience Analytics: A Data-Driven Approach for Enhanced Interdependent Network Resilience

Funding Source: National Science Foundation, CRISP (Critical Resilient Interdependent Infrastructure Systems and Processes) Division Of Civil, Mechanical, and Manufacturing, Infrastructure Management and Extreme Events. Number 1541155, \$827,171

Role: PI with Kash Barker (Co-PI), James H Lambert (Co-PI), Laura McLay (Co-PI), Charles D Nicholson(Co-PI), Jose Emmanuel Ramirez-Marquez (Co-PI), C. Caragea (Co-PI), Chris Zobel (Co-PI)

Date: October 2015-August 2018

Title: Scaling 911 Texting for Large-Scale Disasters: Developing Practical Technical Innovations for Emergency Management at Public Universities

Funding Source: College of IST—Seed Funding \$10,000

Role: PI with Nikolas Giacobe (Co-PI)

Date: January 2015-June 2015

Title: RAPID: Socio-technical systems and Big Data Analytics in the Ebola Response

Funding Source: National Science Foundation, Cyber-Human Systems (CHS) 1519023, \$99,000

Role: Co-PI with C. Maitland (PI) and Vasant Honavar (Co-PI)

Date: December 2014-December 2015

Title: AURORASURUS Citizen Scientists Experiencing the Extremes of Space Weather.

Funding Source: National Science Foundation Space Weather Research, Div Atmospheric and Geospace Sciences, INSPIRE. \$998,957

Role: Co-PI, with Liz MacDonald (PI) and M. Hill (Co-PI)

Date: November 2013-November 2015

Title: EAGER: Collaborative Research: Establishing Trustworthy-Citizen-Created Data for Disaster Response and Humanitarian Action

Funding Source: National Science Foundation. Cyber-Human Systems (CHS) 1353400, \$140,000

Role: PI. with A. Squicciarini (Co-PI) and Caragea, C.(Co-PI)

Date: August 2013-August 2014

Title: Improving Emergency Preparedness and Response in Costa Rica through Law, Coordination and Technologies,

Funding Source: The J. William Fulbright Scholarship Board and the Council for International Exchange of Scholars, \$40,000,

Role: Grantee.

Date: January 2012-July 2012

Title: On the Development of a Sociological Framework and Mathematical Foundation for Identifying and Modeling the Propagation of Deception and Misinformation in Weak Social Networks

Funding Source: US Army RDECOM Office, \$150,000,

Role: Senior Personnel, with David Hall (PI), Jacob Graham (Co-PI)

Date: October 2011-October 2014

Title: RAPID: Text Message-based Infrastructure for Emergency Response

Funding Source: National Science Foundation, IIS- 1026763, \$75,000,

Role: Co-PI, with John Yen (PI), Jim Jansen (Co-PI), Prasenjit Mitra (Co-PI) and Lee Giles(Co-PI)

Date: March 2010 to March 2011

Title: HRCT Scanning as Glue: Sociotechnical Analysis and Support of a Loosely Coupled Network

Funding Source: National Science Foundation Cyber-infrastructure. VOSS: Virtual Organizations and Sociotechnical Systems, 0838400, \$400,000,

Role: PI with Tim Ryan (Co-PI), Rosalie Ocker (Co-PI), Mary Beth Rosson (Co-PI) and Joan Richtmeier (Co-PI)

Date: November 2008 to November 2011

Title: DRU: Inter-organizational Decision Making and Organization Design for Improved ICT Coordination in Disaster Relief, **Funding Source:** National Science Foundation CMMI-0624219, \$748,881.00

Role/Contribution: (Co-PI), with C. Maitland (PI), Benita Beamon (PI) and John Yen(PI)

Date: January 2007 to January 2010

PARTICIPATION IN SEMINARS AND WORKSHOPS (22)

- S22 **Tapia, A.** and S.R. Hiltz (2015, May) Qualitative Research Methods for Crisis Informatics: Focus on Semi-structured Interviews. Leader and Organizer at *International Conference on Information Systems for Crisis Response and Management (ISCRAM)*. Kristiansand, Norway.
- S21 MacDonald, E., **Tapia, A.**, LaLone, N., Case, N., Hall, M., Heavner, M. (2015, May). Using Citizen Science and Crowdsourcing via Aurorasaurus as a Near Real Time Data Source for Heliophysics Applications. Workshop Participant at *NASA Headquarters - Science Mission Directorate brown-bag series*. Washington, D.C.
- S20 MacDonald, E., **Tapia, A.**, LaLone, N., Case, N., Hall, M., Heavner, M. (2015, April). Opportunities in the First Solar Maximum with Social Media. Workshop Participant at *2015 Space Weather Workshop*. Boulder, CO.
- S19 Lalone, N., **Tapia, A.**, MacDonald, E., & Hall, M. (2015). DEMO: Multi-Sensor Early Warning Systems: Hybrid Communal Alerts for Aurora Borealis Viewing. In *Computer Supported Collaborative Work (CSCW)*. Vancouver, BC, Canada.
- S18 MacDonald, E., **Tapia, A.**, LaLone, N., Case, N., Hall, M., Heavner, M. (2015, March). Using Tweets and Ground Truth for Innovative Methods in Space Science. Workshop Participant at *Inner Magnetosphere Coupling (IMC-III) Workshop*. Los Angeles, CA.
- S17 **Tapia, A.** (2015, July). Workshop Participant and Mentor at *Consortium for Sociotechnical Systems (CSST) Summer Institute*. Colorado Springs, CO.
- S16 **Tapia, A.** (2014, July). Workshop Participant at *University of Missouri - Consortium of Socio-Technical Scholars (CSST) Summer Institute*. Columbia, MO.
- S15 **Tapia, A.** (2014, December). National Science Foundation (NSF) Funded Workshop on Multi-disciplinary Research Needs in Disaster Response Logistics. Invited Participant at *University of Delaware – Disaster Research Center*. Newark, DE.
- S14 **Tapia, A.**, Lalone, N., MacDonald, E.A., Hall, M. (2014, November). AURORASURUS: Citizen Science, Early Warning Systems and Space. Workshop Participant at *Conference on Human Computation & Crowdsourcing (HCOMP) –Citizen + X: Volunteer-Based Crowdsourcing in Science, Public Health, and Government Workshop*. Pittsburgh, PA.
- S13 **Tapia, A.** (2013, June). NSF collaborative research and education initiatives in biodiversity and sustainability in the tropics. Workshop Participant at *National Science Foundation (NSF)-funded Workshop with Organization for Tropical Studies (OTS-Costa Rica), The Xishuangbanna Tropical Botanical Garden-Chinese Academy of Sciences (XTBG-CAS), and the Center for Tropical Forest Science (CTFS-Smithsonian)*. Costa Rica.
- S12 **Tapia, A.** (2013, June). Workshop Participant and Mentor at *Consortium for Socio-Technical Scholars (CSST) Summer Institute*. College Park, MD.
- S11 **Tapia, A.** (2012, October). Workshop Participant at *International Conference Crisis Mappers*. Washington, D.C.

- S10 Yen, J., Caragea, C., Kim, H. W., Mitra, P., Giles, C. L., **Tapia, A.**, Jansen, B. J., Wu, D., Jaiswal, A., Traylor, G., Maslowski, A., Ngamassi, L.-M. (2011, September). EMERSE: Enhanced Messaging for the Emergency Response Sector. Workshop Participant at *National Science Foundation (NSF) RAPID Workshop – Haiti*. Arlington, VA.
- S9 **Tapia, A.**, Ocker, R., Rosson, M. B., & Blodgett, B. (2010, February). Two-Layered Structures in Scientific Collaborations. Workshop Participant at *Computer Supported Collaborative Work (CSCW)*. Savannah, GA. Retrieved from https://www.sci.utah.edu/images/Workshops/cscw2010/tapia_2.pdf
- S8 **Tapia, A.** (2009, June). Workshop Participant at *Syracuse University – Information School – National Science Foundation (NSF)-funded Workshop - Research Institute for the Science of Socio-technical Systems*. Blue Mountain Lake, NY.
- S7 **Tapia, A.** (2008, July). Workshop Participant at *University of Michigan at Ann Arbor – National Science Foundation (NSF)-funded Workshop - Research Institute for the Science of Socio-technical Systems*. Ann Arbor, MI.
- S6 Yen, J., Maitland, C., & **Tapia, A.** (2007, January). Simulated Decision Making for ICT Coordination in Disaster Relief Using Cognitive Agents. Workshop Participation at *AI in ICT for Development–Workshop at IJCAI, Twentieth International Joint Conference on Artificial Intelligence*. Hyderabad, India. Retrieved from <https://tinyurl.com/y77127wn>
- S5 **Tapia, A.** (2005, Spring). Workshop Participant at *Pennsylvania State University - Schreyer Honors College - Multicultural Teaching Academy*. State College, PA.
- S4 **Tapia, A.** (2004, November). Workshop Participant at *National Science Foundation (NSF) Workshop on the IT Workforce*. Philadelphia, PA.
- S3 **Tapia, A.** and Sawyer, S. (2004, June). Organizational Articulation Change and Growth: Mobile Technology and Criminal Justice Personnel. Workshop Participant at *Napier University - Workshop on Understanding Socio-technical Action*. Edinburgh, UK.
- S2 Sawyer, S. and **Tapia, A.** (2003, March). From Findings to Theories: Speculating on the Future of Social Informatics. Workshop Participant at *University of California at Irvine - National Science Foundation (NSF) and the Center for Research on Information Technology and Organizations – Social Informatics Workshop*. Irvine, CA.
- S1 Sawyer, S. and **Tapia, A.** (2003, October), Mobility, Work and Governance: A Field Study of Public Safety. Workshop Participant at *Case Western University - Ubiquitous Computing Workshop*. Cleveland, OH.

TECHNICAL REPORTS (14)

- T14 Maitland, C., **Tapia, A.**, Ngamassi, L.-M., & Maldonado, E. (2008). *A Case Study of a Technical Coordination Body Among Humanitarian NGOs: NetHope*. Prepared for NETHOPE.
- T13 Maitland, C., & **Tapia, A.** (2007). *Global Symposium +5 Information for Humanitarian Action First Follow-up Survey Report*. Prepared for United Nations Office for the Coordination of Humanitarian Affairs (UN OCHA). Retrieved from http://cohort.ist.psu.edu/content/Publications/2007OCHA_final_report.pdf.
- T12 Maitland, C., & **Tapia, A.** (2007). *Global Symposium +5 Information for Humanitarian Action Survey Report*. Prepared for United Nations Office for the Coordination of Humanitarian Affairs (UN OCHA).
- T11 Maitland, C., & **Tapia, A.** (2007). *Outcomes from the UN OCHA 2002 Symposium and HIN Workshops on Best Practices in Humanitarian Information Management and Exchange*. Prepared for United Nations Office for the Coordination of Humanitarian Affairs (UN OCHA). Retrieved from http://cohort.ist.psu.edu/content/Publications/OCHA_2002_Symposium_and_Workshop_Assessment.pdf

- T10 Sawyer, S., **Tapia, A.**, & Newton, M. (2003). *3G Mobile Access to JNET: Second Interim Report of the Field Trial*. Prepared for Lucent Technologies.
- T9 Sawyer, S., **Tapia, A.**, & Newton, M. (2003). *3G Mobile Access to JNET: Second Interim Report of the Field Trial*. Prepared for Lucent Technologies.
- T8 Sawyer, S., **Tapia, A.**, & Newton, M. (2003). *3G Mobile Access to JNET: Final Report of the Field Trial*. Prepared for Lucent Technologies.
- T7 **Research Team, Institute for Social Research** (1997). *Los Pasos- UNMH Evaluation”(Drug Affected Infant)*. Prepared for University of New Mexico Hospital.
- T6 **Research Team, Institute for Social Research** (1996). *New Mexico Boot Camp Planning Evaluation*. Prepared for State of New Mexico Corrections Department.
- T5 **Research Team, Institute for Social Research** (1996). *Quay County Alcohol and Substance Abuse Coalition Project Evaluation*. Prepared for Quay County, NM.
- T4 **Research Team, Institute for Social Research** (1996). *Oregon State Bar Minority Disparity Affirmative Action Evaluation*. Prepared for Oregon State Bar.
- T3 **Research Team, Institute for Social Research** (1995). *Juvenile Community Corrections Evaluation*. Prepared for State of New Mexico Corrections Department.
- T2 **Research Team, Institute for Social Research** (1995). *Adult Community Corrections Evaluation*. Prepared for State of New Mexico Corrections Department.
- T1 **Research Team, Institute for Social Research** (1995). *New Mexico’s Primary Care Network - Medicaid Evaluation*. Prepared for State of New Mexico Medicaid Program.

RESEARCH PRESS COVERAGE

[Research Press Coverage: Social Media Triangulation Project] 'Social media triangulation' provides new approach for emergency responders, July 20, 2017, <https://www.sciencedaily.com/releases/2017/07/170720095038.htm>

[Research Press Coverage: Social Media Triangulation Project] Can Twitter aid disaster response? New IST research examines how, August 17, 2017, <http://news.psu.edu/story/478041/2017/08/17/research/can-twitter-aid-disaster-response-new-ist-research-examines-how>

[Research Press Coverage: Social Media Triangulation Project] 'Social media triangulation' provides new approach for emergency responders, July 2017 <http://www.techsite.io/p/639742>

[Research Press Coverage: Aurorasaurus Project] Sumner, Thomas. (2015, April 3). Spot the northern lights with Aurorasaurus. Science News. <https://www.sciencenews.org/article/spot-northern-lights-aurorasaurus>

[Research Press Coverage: Aurorasaurus Project] Stone, Maddie. (2015 March 29). Gizmodo. <http://gizmodo.com/citizen-scientists-are-helping-nasa-map-the-aurora-like-1694360451>

[Research Press Coverage: Aurorasaurus Project] Spears, Chris. (2015, March 18). Colorado Didn't See Northern Lights, But They Were As Close As Nebraska. CBS4- Denver. <http://denver.cbslocal.com/2015/03/18/colorado-didnt-see-northern-lights-but-they-were-as-close-as-nebraska/>

[Research Press Coverage: Aurorasaurus Project] Dybas, Cheryl. (2015, March 31). Springtime night lights: Finding the aurora. National Science Foundation. http://www.nsf.gov/discoveries/disc_summ.jsp?cntn_id=134640

[Research Press Coverage: Aurorasaurus Project] Modjeski, Morgan. (2015, March 2). Citizen scientists in Calgary help boost interest in astronomy, contribute to research. Metro News Canada. <http://metronews.ca/news/calgary/1301653/citizen-scientists-in-calgary-help-boost-interest-in-astronomy-contribute-to-research/>

[Research Press Coverage: Aurorasaurus Project] Rozell, Ned. (2015, April 2). Citizen science meets the aurora. Geophysical Institute. <http://www.gi.alaska.edu/AlaskaScienceForum/article/citizen-science-meets-aurora>

[Research Press Coverage: Aurorasaurus Project] Rozell, Ned. (2015, April 3). Alaska Science Forum: Citizen science, social media meets the aurora. Juneau Empire. <http://juneauempire.com/outdoors/2015-04-03/alaska-science-forum-citizen-science-social-media-meets-aurora>

MEMBERSHIP IN PROFESSIONAL SOCIETIES

American Sociological Association (member since 1996)

Society for the Social Studies of Science (member since 1996)

International Conference on Information Systems for Crisis Response and Management (ISCRAM)-since 2008.

International Federation of Information Processing, Working Group on Information Systems in Organizations and Society (member since 2004)

Association for Computing Machinery, Special Interest Group, Computer Professional Research (member since 2004)

SERVICE

Conference/Community Leadership

Chair, Minitrack. "Disaster Information, Technology and Resilience" Hawaii International Conference on System Sciences. January 2019, Hawaii.

CHI, ACM Conference on Human Factors in Computing Systems, Reviewer/Program Committee. (2009 - Present).

CSCW, ACM Conference on Computer Supported Cooperative Work, Reviewer/Program Committee. (2009 - Present).

Track Chair, Session Chair, ISCRAM, International Community on Information Systems for Crisis Response and Management, Kristiansand, Norway, May 2015.

Conference Chair, ISCRAM, International Community on Information Systems for Crisis Response and Management, The Pennsylvania State University, State College, PA May 2014.

Program Committee, ISCRAM, International Community on Information Systems for Crisis Response and Management, Baden-Baden, Germany, May 2013.

Program Committee, ISCRAM, International Community on Information Systems for Crisis Response and Management, Seattle, WA, May 2012.

Program Committee, ISCRAM, International Community on Information Systems for Crisis Response and Management, Lisbon, Portugal, May 2011.

Program Committee, i-conference, Seattle, WA, February 2011.

Program Committee, i-conference, Champaign-Urbana, IL, February, 2010.

Program Committee. International Federation For Information Processing Working Group 8.2 (IFIP 8.2), IFIP 8.2 Toronto, CA August, 2008.

Webmaster, Communication and Information Technologies, American Sociological Association. Two year term, August 2006-August 2008.

Council Member, Communication and Information Technologies, American Sociological Association. Two year term, August 2006-August 2008.

Program Committee. ACM SIG MIS/CPR Conference - Doctoral Consortium, St. Louis, MO 2007

Program Committee. ACM SIG MIS/CPR Conference, St. Louis, MO 2007

Program Committee. International Federation For Information Processing Working Group 8.2 (IFIP 8.2), IFIP 8.2
Portland, OR, July 29-31, 2007.

Planning Committee. ACM SIG MIS/CPR Conference - Doctoral Consortium, Claremont, CA, 2006

Program Committee. International Federation For Information Processing Working Group 8.2 (IFIP 8.2), IFIP 8.2
Limerick, Ireland, July 13-15, 2006.

Program Committee, IRMA, Track--Social Responsibility in the Information Age. Washington, DC, May 2006.

Program Committee, ACM- SIGCPR/MIS 2005, April, Atlanta, GA

Program Committee, ACM- SIGMIS/CPR 2004, April, Tucson, AZ

Conference Service

Session organizer and co-chair. ISCRAM2008, International Community on Information Systems for Crisis
Response and Management. Washington, DC, USA, May 4-7, 2008.

Session Chair, Sociology of Technology, American Sociological Association, New York, NY, August 2007.

Session Chair, Sociology of Technology, American Sociological Association, Philadelphia, PA August 2005.

Session Chair, Roundtables, Communication and Information Technologies, American Sociological Association,
Philadelphia, PA August 2005.

Session Chair, 2 Sessions at the ACM SIGCPR/MIS Conference held in Atlanta, April 2005.

Session Roundtable Organizer: Section on Computers and Information Technology, American Sociological
Association Meetings, August 2004, San Francisco, CA.

Roundtables Organizer: Section on Science, Knowledge and Technology, American Sociological Association
Meetings, August 2003, Atlanta, GA.

Roundtables Organizer: Section on Science, Knowledge and Technology, American Sociological Association
Meetings, August 2002, Chicago, IL. August 2003, Atlanta, GA.

Session Organizer, Pacific Sociological Association, April 18-21, 2002 in Vancouver, BC. Three Sessions:
Technological and Cultural Change in Institutions of Higher Education, The Death of the Dot Com: Life Cycle
Changes in High Tech Industry, The Wireless Society

Editorial Service

Associate Editor. Journal of Information Technology and People. 2013 to present.

Guest Editor (2015-2016) Information, Communication and Society, Volume 19 No. 5 (cover month May 2016)

Guest Editor (with Helen Richardson and Lynette Kvasny). Social Science Computer Review (SSCORE), Special Issue on
Critical Information Systems Research, 2006.

Co- Editor Newsletter S.K.A.T., Science Knowledge and Technology (2004-2006) American Sociological Association,
Section on Science Knowledge and Technology

Book Review Editor, Newsletter S.K.A.T., Science Knowledge and Technology (2000-2004) American Sociological
Association, Section on Science Knowledge and Technology

Grant Reviewer

NSF (National Science Foundation) Panelist, April 2018

NSF (National Science Foundation) Panelist, April 2016

NSF (National Science Foundation) Panelist, November 2015

NSF (National Science Foundation) Panelist, March 2014

NSF (National Science Foundation) Panelist, April 2013

NSF (National Science Foundation) Panelist, April 2011

NSF (National Science Foundation) Panelist, February 2011

NSF (National Science Foundation) Panelist, March 2010

NSF (National Science Foundation) Panelist, June 2010

NSF (National Science Foundation) Panelist, October 2010

NSF (National Science Foundation) Panelist, January 2010

Reviewer Service

Reviewer for ICS, Information, Communication and Society

Reviewer for IJISSC, International Journal of Information Systems and Social Change

Reviewer for JCMC, Journal of Computer Mediated Communication

Reviewer for JITP, Journal of Information Technology and Politics
Reviewer for Information and Organizations
Reviewer for Telecommunication Policy
Reviewer for ITID, Information Technology for International Development
Reviewer for CSCW Journal, Computer Supported Cooperative Work
Reviewer for MISQ, Management of Information Systems Quarterly
Reviewer for EJIS, European Journal of Information Systems
Reviewer for ITP, Information Technology and People
Reviewer for ICIS, International Journal of Information Systems
Reviewer for IJTHI, International Journal of Technology and Human Interaction
Reviewer for HRMJ, Human Resource Management Journal
Reviewer for ALOIS 2005 conference
Reviewer for Group 2005 Conference

Service to the University and College

Director of Graduate Programs (2015-present)
Director, 3C Informatics: Crisis, Community and Civic Informatics Center, Director. (2017 - Present).
Appointed to the Penn State Commission for Women (2013-2016)
Elected representative to the College Faculty Council (2012-2013)
Elected director of the Collaboratory for Socio-Technical Scientists in IST (2012-2013)
College Diversity Committee (2011-2013)
Schreyer Honor College Advisor
GAC, Graduate Advisory Committee Member
UAC, Undergraduate Advisory Committee Member
MYFT, Multi Year Fixed Term Faculty Planning Committee
SRA program redevelopment
Game Development Club Advisor
College of IST Ombudsman (2013-2015)
IST Course Committee: SRA 471
IST Course Committee: IST 431
IST Course Committee: IST 445H
IST Course Committee: IST 446
Schreyer Honor College Course Development Award: Course Development IST 110 H, Schreyer Honor College/Rock
Ethics Award: Course Development IST 445 H
Schreyer Honor College Course Development Award: Multicultural Teaching Academy
15th Annual Undergraduate Exhibition
GRC, Graduate Recruiting Committee Member
GAC, Graduate Advisory Council Member
RAC, Research Advisory Council
FAC, Faculty Advisory Council Member
IST Comprehensive Exam Committee Member
BA in IST Development Committee
Distinguished Lecture Series Committee Member
Distinguished Lecture Series SUB Committee Member
IST Faculty Recruiting Committee, SRA, Information Assurance, Medical Informatics
IDEAS Program (Co-Advisor)
SURF (Summer Undergraduate Research Fellowship) Mentor
WIST, Faculty Advisor, Women in IST
SRA 211 Course committee, (member)
IST 301 Course committee, (member)

SELECTED PAST RESEARCH EXPERIENCE

Postdoctoral Research: NSF: Universities in the Information Age 8/2000-8/2002

Technological Capital and Instructional Technologies, Social Construction of Instructional Technologies, Examine the roots of the need for, planning for, construction of and use of instructional technology centers at the University of Arizona.

Postdoctoral Research: Life Cycle of the Dot-Com 8/2000-8/2002

Organizational Culture and Managerial Control Structures. Relationship between Information Technology Environments: E-commerce software, Dynamic data-driven web pages and the Social Organization of Software Engineers and System Administrators.

Communications and Research Coordinator, 1999-2000

Bernalillo County Turning Point Partnership, Grant funded through the Robert Wood Johnson and Kellogg Foundations, intended to help communities foster public health care change systemically.

“City Sociologist” Performance Measurement Specialist, 1997-1998

Office of Management and Operations Improvement, Office of the Mayor/CAO, City of Albuquerque, NM

Project Manager/Research Assistant: Institute for Social Research, 1996-2000, University of New Mexico

ISR PROJECTS:

1/1997-5/1996	Los Pasos- UNMH Evaluation (Drug Affected Infant)
8/1996- 5/1996	Oregon State Bar Minority Disparity Affirmative Action Evaluation
1/1996-11/1996	Quay County Alcohol and Substance Abuse Coalition Project Evaluation
1/1996- 8/1996	New Mexico Boot Camp Planning Evaluation
3/1995-12/1995	New Mexico’s Primary Care Network - Medicaid Evaluation
3/1995 -6/1995	Adult Community Corrections Evaluation
3/1995- 6/1995	Juvenile Community Corrections Evaluation

TEACHING EXPERIENCE

Fulbright Teaching. January 2012-June 2012. Again July 2014-August-2104

Information in Risk Management with Attention to Disasters. Masters Program. Gestion del Riesgo en Desastres y Atención de Emergencias. University of Costa Rica. San Jose, Costa Rica.

College of Information Sciences and Technology, The Pennsylvania State University 8/2003- present

Graduate IST Program

IST 501 Introduction to Information Sciences and Technology
IST 530, Social Informatics
IST 531, Human Information Behavior
IST 541 Qualitative Methods in IST
IST 590, IST Graduate Colloquium

Security and Risk Analysis Major

SRA 211H Threats of Terrorism and Crime
SRA 471, Informatics, Risk and the Post-Modern World
SRA 480 Crisis Informatics

Undergraduate Honors program

IST 110 H, Information People and Technology
IST 445 H, Global Trends in World Issues

Undergraduate IST Major

IST 110, Information People and Technology
IST 301, Information and Organizations
IST 402, Digital Activism and Civic Engagement

IST 431, The Information Environment

Science, Technology and Society Program, The Pennsylvania State University. 8/2002-5/2003

STS 100- Ascent of Humanity

Labor and Industrial Relations The Pennsylvania State University. 8/2002-5/2003

LIR 512- Graduate Research Methods

LIR 414w- Work and Organizational Theory

LIR 136- Race and Gender at Work

Universities in the Information Age, University of Arizona 8/2000-5/2002

HED 602c-Graduate Seminar, Science and Technology Studies

University of Arizona, Sociology Department 8/200-5/2002

SOC 315: Political Sociology

EDL200: Global Perspectives on Schooling- Global Education

University of New Mexico, Sociology Department 8/1996-5/2000

SOC 101: Introduction to Sociology

SOC 213: Deviant Behavior

SOC 312: Causes of Crime

SOC 313: Social Control

SOC 331: Collective Behavior and Social Movements

SOC 371: Classical Social Theory

SOC 471: Contemporary Social Theory

Mentorship of Post Doctoral Fellows

1. Aurelie Montarnal. August 2015-May 2016
2. Julien Coche. April 2018-December 2018.
3. Robin Telecom Paris. August 2018-May 2019

Chair of student Ph.D. Committee (14 PhD students)

1. William Aurite, Ph.D. Graduation Expected Summer 2020
2. Jessika Turner, Ph.D Graduation Expected Summer 2020
3. Richard Wirth, Ph.D Graduation Expected, Summer 2019, Title, "Player-Developer Convergence: Examining the Role of Audience in Game Development Practices"
4. S. Halse, Ph.D Expected Graduation, Summer 2019, Title, "Social Media for Crisis Response: Filtering, Measuring and Improving."
5. Mark Campbell, Expected Graduation Summer 2018, Title, "Military aided Refinement and Display of Crowdsourced Data on a Crisis Management COP," Current position, Information and Technology Services, Penn State University.
6. Nicolas LaLone, Expected Graduation, August 2018, Title, " Simulating Reality: The Translation Process form the Real to the Virtual."
7. Tamara Peyton, Graduated December 2016. , (took over after Erika Poole departed) Title, "The Sociotechnical Mediation of Lower-Income Pregnancy: A User-Centered Approach to Improving a HCI Design Space." Current Position: Assistant Professor of HCI at Harrisburg University.
8. Jeremy Lothian, Graduated, December 2015, Title, "A Cross-Game Study of Trust in Massively Multiplayer Role Playing Games," Current Position, Accuweather.
9. Kathleen Moore, Graduated August 2014, Title, "Scrutiny On The Bounty: Extending Situational Crisis Communication Theory," Current Position, Assistant Professor James Madison University.

10. Ibrahim Yucel, Graduated August 2011, Title, “How To Make Friends And Influence People On The Internet: A Dissertation On Popular Comments On Blogs,” Current Position, Assistant Professor at SUNYIT, State University of New York Institute of Technology.
11. Bridget Blodgett, Graduated August 2011, Title, “Collective Action Situated In Virtual Worlds,” Current Position, Assistant Professor at the University of Baltimore, Maryland.
12. Michael Tyworth, Graduated Spring 2010, (took over after Steve Sawyer departed) Title, “Reflections Of Identity: How Information Systems Reflect The Organization As A Social Actor,” Current Position, Assistant Professor of Business, Smeal College of Business, Penn State University.
13. Edgar Maldonado, Graduated August 2009, Title, “IT Policies for Development: Analysis and Recommendations of Free Libre Open Source Software Initiatives of the Bolivarian Republic of Venezuela,” Current Position Assistant Professor at The Metropolitan University of Denver, Colorado.
14. Julio Ortiz, Graduated May 2008, Dissertation Title, “The Perceived Impact Of Municipal Wireless Broadband Networks On The Digital Divide: A Tale Of Five Cities.” Post Doc at Rutgers University and Position at Harvard’s Berkman Center for Public Policy.

Chair of Master’s Committees (6 MS students)

1. William Aurite, Graduated May 2017, Title, “Genetic Testing Service Adoption and the Conditions of Sharing and Recommendation” Joined IST Ph.D. Program.
2. Bryan Ollendyke, Graduated December 2015, Title—Open Source Innovation and Activism within large Organizations. Current Position—Penn State.
3. Edward Ruiz, Graduated May 2015, Title, Collaborative Risk Management between Government, Schools and Community Using Information Systems, University of Costa Rica. Position PREVENTEC.
4. M. Lesniewski, Graduated May 2014, Title, “Monitoring Human Trafficking in Displaced Populations,” Current Position, National Security Administration.
5. Kartikeya Bajpai, Graduated August 2011, Title, “Investigating Collective Action Events Through Twitter Usage: The Case Of The Thai Protests Of 2010,” Current Position, PhD student at the University of Washington.
6. Michael Colibraro, Graduated December 2009, Title, “Participating in the Visual: An Exploratory Study of Fanart Communities in the World of Warcraft” Current Position Think Brownstone.

Member of Thesis or Dissertation Committee (47 students)

1. Grace, Rob
2. Ye, Tian
3. St. Dennis, Lise Ann (U. Colorado)
4. Sabou, John. P. (The Hague)
5. Lee, Juyong (Communications)
6. Li, Na
7. Mukherjee, Partha
8. Obeysekare, Eric
9. Engerman, Jason (Education)
10. Stager, Sarah (Education)
11. Marcinkowski, Michael
12. Wang, Jing
13. Ollendyke, Bryan
14. Levy, Anna
15. Jang, Jin Sun
16. Jarrahi, Mohammed
17. Johnson, Nicholas
18. Robinson, Harry
19. Young, M.

20. Pursel, Bart
21. Lee, Joey
22. Bach, Paula
23. Hayes, Kayla
24. Du, Honglu
25. Xie, Xiaoyan
26. McCauley, Jennifer
27. Reinert, Michael
28. Zang, Nan
29. Igwe, Frank
30. Van Gorp, Annemijn
31. Yeo, Ben
32. Scheitle, Christopher (Sociology)
33. Martin, Suzanna. (Labor)
34. Saab, David
35. Ngamassi Ngamassi, Louis-Marie
36. Zhao, Dejin
37. Jiang, Hao
38. Hoffman, Blaine
39. Akilli, Goknur Kaplan (Education)
40. Shivaani Selvaraj (PSU-Harrisburg)
41. Warren Allen (Drexel)
42. Vernelle Noel (Architecture)
43. Elena Sava (Geography)
44. E.A. Eikey
45. Kayla Booth
46. Carolynne Hultquist (Geography)
47. Ryan Mullins (Geography)

Supervision of Undergraduate Research (10 students)

1. Savannah Booth, Schreyer Honors College Advisee
2. Kaeun Ji, Schreyer Honors College Advisee
3. Melissa Sirera, Schreyer Honors College Advisee
4. Jennifer Thompson, Schreyer Honors College Advisee
5. Colleen Shea, Schreyer Honors College Advisee
6. Andrew Kenawell, Schreyer Honors College Advisee
7. Matt Milko, Schreyer Honors College Advisee
8. Pat Mulholland, Schreyer Honors College Advisee
9. Tom Sennett, Schreyer Honors College Advisee
10. Renee Stepler, Schreyer Honors College Advisee