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CURRICULUM VITAE

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RESEARCH AREAS & INTERESTS

Human Computer Interaction (HCI); Computer-Supported Cooperative Work (CSCW); Interactive Systems for Healthcare; Ubiquitous Computing; Crisis Informatics; Social Analysis of Information & Communications Technology (ICT).

EDUCATION

PhD, Communication, Information and Library Studies

January 2005 – October 2009

School of Communication & Information (SC&I)
Rutgers University, New Brunswick, NJ

MLIS, Library and Information Science

January 2003 – January 2005

School of Communication & Information (SC&I)
Rutgers University, New Brunswick, NJ

Bachelor of Arts, Film and TV Production

October 1996 – September 2001

University of Arts, Belgrade, Serbia

PROFESSIONAL APPOINTMENTS

2017 – present Associate Professor, Information Science Department, College of Computing and Informatics (CCI), Drexel University
2011 – 2017 Assistant Professor, Information Science Department, College of Computing and Informatics (CCI), Drexel University
2010 – 2011 Visiting Assistant Professor, Computer Science Department, University of Colorado Boulder
2009 – 2011 Postdoctoral Research Associate, School of Communication & Information (SC&I), Rutgers University
2003 – 2009 Graduate Research Assistant, School of Communication & Information (SC&I), Rutgers University
2008 Summer Internship, User Experience Research, Google, Inc., Seattle/Kirkland, WA
2007 Summer Internship, User Experience Research, Google, Inc., Mountain View, CA
2005 Summer Internship, User Interface Design Center, Siemens Corporate Research, Princeton, NJ
2004 Summer Internship, User Interface Design Center, Siemens Corporate Research, Princeton, NJ
2004 Research Fellow, Battelle Memorial Institute, Richland, WA
2001 – 2003 Research Assistant, Center for Advanced Information Processing (CAIP), Rutgers University

RESEARCH GRANTS

External Research Grants

Total awarded since joining Drexel: \$7,790,606

Drexel share: \$1,995,271 > PI: \$738,480; Site/Multi PI: \$1,107,584; Co-PI: \$149,207

VoiceXML Forum. “VoiceXML-based Conversational Agent for the Caregivers of Alzheimer’s and Alzheimer’s Related Dementia Patients,” Jina Huh-Yoo (PI, CCI), **Aleksandra Sarcevic (Co-PI, CCI)**, Erjia Yan (Co-PI, CCI), Laura N. Gitlin (Co-PI, CNHP), Rose Ann DiMaria-Ghalili (Co-PI, CNHP). 4/1/2021-3/31/2022: \$25,000.

National Institutes of Health. “R01: Intention-aware Recommender System for Improving Trauma Resuscitation Outcomes,” [2R01LM011834-05], Randall S. Burd, MD (PI, Children’s National), Ivan Marsic (PI, Rutgers), **Aleksandra Sarcevic (PI, Drexel)**: 05/20/2019-04/30/2024: \$4,016,517 (Sarcevic: \$627,914).

National Science Foundation. “CHS: Medium: Collaborative Research: Activity Recognition for Reducing Delays in Fast-Response Teamwork” [IIS-1763509], **Aleksandra Sarcevic (PI, Drexel)**. Collaborative research with Children’s National Medical Center [IIS-1763355] and Rutgers University [IIS-1763827]. 10/01/2018-09/30/2022: \$1,199,974 (Sarcevic: \$270,000).

Research Experiences for Undergraduates (REU) Supplement, Summer 2022: \$8,000
 Research Experiences for Undergraduates (REU) Supplement, Summer 2021: \$8,000
 Research Experiences for Undergraduates (REU) Supplement, Summer 2020: \$8,000

Agency for Health Care Research and Quality (AHRQ). “R03: Analysis of Factors Associated with Clinical Checklist Compliance,” [1R03HS026057-01], **Aleksandra Sarcevic (PI)**: 10/01/2018-9/30/2020: \$100,000.

National Science Foundation. “Workshop: The Doctoral Colloquium at the 2018 ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW 2018),” [IIS-1830114], Kate Starbird (PI), **Aleksandra Sarcevic (Co-PI)**. 08/01/2018-07/31/2019: \$19,982.

National Institutes of Health. “R01: Automatic Workflow Capture and Analysis for Improving Trauma Resuscitation Outcomes,” [1R01LM011834-01A1], Randall S. Burd, MD (PI, Children’s National), Ivan Marsic (PI, Rutgers), **Aleksandra Sarcevic (PI, Drexel)**: 08/01/2014-07/31/2018: \$1,355,456 (Sarcevic: \$209,696).

National Science Foundation. “CAREER: Supporting Fast-Response Medical Teams Through Interactive Information Displays,” [IIS-1253285], **Aleksandra Sarcevic (PI)**. 02/01/2013-01/31/2018: \$522,955.

Research Experiences for Undergraduates (REU) Supplement, Summer 2016: \$16,000.
 Research Experiences for Undergraduates (REU) Supplement, Summer 2015: \$16,000.
 Research Experiences for Undergraduates (REU) Supplement, Summer 2014: \$8,000.

National Institutes of Health. “R21: A Paper-Digital Interface for Time-Critical Information Management,” [5R21LM011320-02] Randall S. Burd, MD (PI, Children’s National), **Aleksandra Sarcevic (PI, Drexel)**, Ivan Marsic (PI, Rutgers), James D. Hollan (PI, UCSD), Nadir Weibel (Co-PI, UCSD). 09/15/2012-09/14/2014: \$412,607 (Sarcevic: \$135,207).

University of Pennsylvania School of Medicine (McCabe Pilot Intramural Award). “Development and Feasibility Assessment of a Real-Time IV Fluid Volume Monitor for Time-Critical Management of Pediatric Resuscitation,” Sage Myers, MD (PI, CHOP), **Aleksandra Sarcevic (PI, Drexel)**. 07/01/2012-06/30/2013: \$22,056 [direct costs].

National Science Foundation. “Workshop: ACM Group 2012 Conference Doctoral Research Consortium,” [IIS-1228614], **Aleksandra Sarcevic (PI)**. 03/01/2012-02/28/2013: \$20,316.

U.S. Department of Health and Human Services. “Reducing Errors in Pediatric Trauma Resuscitation Using a Checklist,” Randall S. Burd, MD (PI, Children’s National), Deborah A. Boehm-Davis (PI, George Mason), **Aleksandra Sarcevic (PI, Rutgers/Drexel)**, Karen O’Connell, MD (Co-PI, Children’s National), Jennifer Fritzeen (Co-PI, Children’s National), and Jichuang Wang (Co-PI, Children’s National). 09/01/2010-08/31/2013: \$898,502 [**Sarcevic/Drexel transfer in Year 2: \$20,759**].

National Science Foundation. “HCC: Small: Collaborative Research: Assessing Technology Requirements for Preventing Teamwork Errors in Safety-Critical Settings” [IIS-0915871], Michael E. Lesk (PI), **Aleksandra Sarcevic (Co-PI)** and Ivan Marsic (Co-PI). Collaborative research with Children’s National [IIS-0915899] and Robert Wood Johnson Medical School [IIS-0915812]. 09/15/2009-08/31/2012: \$503,019 (Rutgers: \$348,091 [**Sarcevic/Drexel transfer in Year 3: \$86,112**]; Children’s National: \$80,092; RWJ: \$74,836).

National Science Foundation. “SGER: Finding Happiness: Indexing Emotions in Digital Video” [IIS-0441172], Michael E. Lesk (PI) and **Aleksandra Sarcevic (Co-PI)**. 08/01/2004-02/28/2006: \$58,530.

Siemens Corporate Research. Support for Finding Happiness project. Michael E. Lesk (PI) and **Aleksandra Sarcevic (Co-PI)**. 09/01/2004-08/31/2006: \$30,000.

Internal Research Grants

Total Awarded: \$41,693

Drexel University, Pennoni Honors College, Undergraduate Research & Enrichment Programs. “Undergraduate Research Mini-Grant for Winter 2022 Term,” funding for an undergraduate student, **Aleksandra Sarcevic (PI)** and Devin Taylor (student): 01/03/2022-04/30/2022: \$1,500.

Drexel University, College of Medicine. “2021 Medical Student Summer Research Fellowship (MSSRF),” funding for two medical students, **Aleksandra Sarcevic (PI)**: 06/08/2021-08/08/2021: \$5,000.

Drexel University, Office of the Provost and the Steinbright Career Development Center. “2021 Spring/Summer Co-Op Payroll Matching Initiative,” **Aleksandra Sarcevic (PI)**: 03/29/2021-08/28/2021: \$1,673.

Drexel University, Office of the Provost and the Steinbright Career Development Center. “2021 Spring/Summer Research Co-Op Award: Supporting Undergraduate Research Experiences,” **Aleksandra Sarcevic (PI)**: 03/29/2021-08/28/2021: \$7,250.

Drexel University, College of Medicine. “2020 Medical Student Summer Research Fellowship (MSSRF),” funding for two medical students, **Aleksandra Sarcevic (PI)**: 06/08/2020-08/08/2020: \$5,000.

Drexel University, Office of the Provost and the Steinbright Career Development Center. “2016 Fall/Winter Research Co-Op Award: Supporting Undergraduate Research Experiences,” **Aleksandra Sarcevic (PI)**: 09/01/2016-03/01/2017: \$7,250.

Drexel University, Office of the Provost and the Steinbright Career Development Center. “2014 Spring/Summer Research Co-Op Award: Supporting Undergraduate Research Experiences,” **Aleksandra Sarcevic (PI)**: 04/07/2014-09/06/2014: \$7,215.

Drexel University, Office of Faculty Development & Equity. “Drexel University Career Development Award: Designing Cognitive Aids for Emergency Medical Teams,” **Aleksandra Sarcevic (PI)**. 07/01/2013-06/30/2014: \$6,805.

PUBLICATIONS

Asterisks indicate PhD, Master, Undergraduate, and Medical student advisees

Evidence of Scholarly Impact

Citations and h-index: 1,310 / 21 (*Google Scholar*) | 717 / 15 (*Scopus*)

Journal Articles, Refereed¹

- [J.1] Morrison-Smith, S., Boucher, C., **Sarcevic, A.**, Noyes, N., O’Brien, C., Cuadros, N., and Ruiz, J., “Challenges in large-scale bioinformatics projects,” *Humanities & Social Sciences Communications*, Vol. 9, Article No. 125 (April 2022). DOI: 10.1057/s41599-022-01141-4
[<https://doi.org/10.1057/s41599-022-01141-4>]
- [J.2] Jagannath, S.,* Kamireddi, N.,* Zellner, K. A.,* Burd, R. S., Marsic, I., and **Sarcevic, A.**, “A speech-based model for tracking the progression of activities in extreme action teamwork,” *Proceedings of the ACM on Human-Computer Interaction (PACM HCI)*, Vol. 6, Issue CSCW, Article No. 73 (25 pages), April 2022.
[<https://doi.org/10.1145/3512920>]

¹ Refereed content is rigorously reviewed by members of the program committee and peer experts. The process includes an opportunity for authors to respond to referees’ critiques. (ACM Policy on Pre-Publication Evaluation)

- [J.3] Mastrianni, A.,* Almengor, L.,* and **Sarcevic, A.**, “Alerts as coordination mechanisms: Implications for designing alerts for multidisciplinary and shared decision making,” *Proceedings of the ACM on Human Computer Interaction (PACM HCI)*, Vol. 6, Issue GROUP, Article No. 9 (14 pages), January 2022. [<https://doi.org/10.1145/3492828>]
- [J.4] Alberto, E. C., McKenna E., Amberson, M. J., Tashiro, J., Donnelly, K., Thenappan, A. A., Rangana, A., Tempel, P. E., Keller, S., Marsic, I., **Sarcevic, A.**, O’Connell, K. J., and Burd, R. S., “Metrics of shock in pediatric trauma patients: A systematic search and review,” *Injury*, Vol. 52, Issue 10, pp. 3166-3172, October 2021. (Published online first: June 24, 2021) [<https://doi.org/10.1016/j.injury.2021.06.014>]
- [J.5] Alberto, E. C., McCarthy, K. H., Hamilton, C. A., Shalkevich, J., Milestone, Z. P., Izem, R., Fritzeen, J. L., Marsic, I., **Sarcevic, A.**, O’Connell, K. J., and Burd, R. S., “Personal protective equipment adherence of pediatric resuscitation team members during the COVID-19 pandemic,” *Annals of Emergency Medicine*, Vol. 7, Issue 5, November 2021. (Published online first: May 29, 2021) [<https://doi.org/10.1016/j.annemergmed.2021.05.022>]
- [J.6] Howard, M. B., McCollum, N., Alberto, E. C., Kotler, H., Mottla, M. E., Tiusaba, L., Keller, S., Marsic, I., **Sarcevic, A.**, Burd, R. S., and O’Connell, K. J., “Association of ventilation during initial trauma resuscitation for traumatic brain injury and post-traumatic outcomes: A systematic review,” *Prehospital and Disaster Medicine*, Vol. 36, Issue 4, pp. 460-465, August 2021. [<https://doi.org/10.1017/S1049023X21000534>]
- [J.7] Alberto, E. C., Harvey, A. R., Amberson, M. J., Zheng, Y., Thenappan, A. A., Oluigbo, C., Marsic, I., **Sarcevic, A.**, O’Connell, K. J., and Burd, R. S., “Assessment of non-routine events and significant physiological disturbances during emergency department evaluation following pediatric head trauma,” *Neurotrauma Reports*, Vol. 2, Issue 1, pp. 39-47, January 2021. (Published online first: May 31, 2020). [<https://doi.org/10.1089/neur.2020.0043>]
- [J.8] Kulp, L.,* **Sarcevic, A.**, Cheng, M., and Burd, R. S., “Towards dynamic checklists: Understanding contexts of use and deriving requirements for adaptation,” *ACM Transactions on Computer-Human Interaction (TOCHI)*, Vol. 28, Issue 2, Article No. 12 (33 pages), April 2021. [<https://doi.org/10.1145/3444947>]
- [J.9] Alberto, E., Amberson, M. J., Cheng, M., Marsic, I., Thenappan, A. A., **Sarcevic, A.**, O’Connell, K. J., and Burd, R. S., “Assessment of non-routine events during intubation after pediatric trauma,” *Journal of Surgical Research*, Vol. 259, pp. 276-283, March 2021. (Published online first: October 30, 2020). [<https://doi.org/10.1016/j.jss.2020.09.036>]
- [J.10] Alberto, E., Jagannath, S.,* McCusker, M. E., Keller, S., Marsic, I., **Sarcevic, A.**, O’Connell K. J., and Burd, R. S., “Classification strategies for non-routine events occurring in high-risk patient care settings: A scoping review,” *Journal of Evaluation in Clinical Practice*, Vol. 27, Issue 2, pp. 464-471, April 2021. (Published online first: August 16, 2020). [<https://doi.org/10.1111/jep.13456>]
- [J.11] Ahmed, O. Z., Yang, S., Farneth, R. A., **Sarcevic, A.**, Marsic, I., and Burd, R. S., “Association between prearrival notification time and Advanced Trauma Life Support protocol adherence,” *Journal of Surgical Research*, Vol. 242, pp. 231-238, October 2019. (Published online first: May 14, 2019). [<https://doi.org/10.1016/j.jss.2019.03.032>]
- [J.12] Jagannath, S.,* **Sarcevic, A.**, Multak, N.,* and Myers, S., “Understanding paper-based documentation practices in medical resuscitations to inform the design of electronic documentation tools,” *Pediatric Emergency Care*, Vo. 37, Issue 8, pp. e436-e442, August 2021. (Published online first: December 21, 2018). [[doi: 10.1097/PEC.0000000000001676](https://doi.org/10.1097/PEC.0000000000001676)]
- [J.13] Zhang, Z.* and **Sarcevic, A.**, “Coordination mechanisms for self-organized work in an emergency communication center,” *Proceedings of the ACM on Human Computer Interaction (HCI)*, Vol. 2, Issue CSCW, Article No. 199 (21 pages), November 2018. [<https://doi.org/10.1145/3274468>]

- [J.14] Yang, S., **Sarcevic, A.**, Farneth, R. A., Chen, S., Ahmed, O. Z., Marsic, I., and Burd, R. S., “An approach to automatic process deviation detection in a time-critical clinical process,” *Journal of Biomedical Informatics*, Vol. 85, pp. 155-167, September 2018.
[<https://doi.org/10.1016/j.jbi.2018.07.022>]
- [J.15] Katz, T., Weinberg, D. D., Fishman, C. E., Nadkarni, V., Tremoulet, P., te Pas, A. B., **Sarcevic, A.**, and Foglia, E. E., “Visual attention on a respiratory function monitor during simulated neonatal resuscitation: An eye tracking study,” *Archives of Disease in Childhood - Fetal and Neonatal Edition*, Vol. 104, Issue 3, pp. 259-264, May 2019 (Published online first: 14 June 2018).
[<https://doi.org/10.1136/archdischild-2017-314449>]
- [J.16] Ahmed, O. Z., Webman, R. B., Sheth, P. D., Donnenfield, J. I., Yang, J., **Sarcevic, A.**, Marsic, I., and Burd, R. S., “Errors in cervical spine immobilization during pediatric trauma evaluation,” *Journal of Surgical Research*, Vol. 228, pp. 135-141, August 2018.
[<https://doi.org/10.1016/j.jss.2018.02.023>]
- [J.17] **Sarcevic, A.** and Ferraro, N.,* “On the use of electronic documentation systems in fast-paced, time-critical medical settings,” *Interacting with Computers*, Vol. 29, Issue 2, pp. 203-219, March 2017.
[<https://doi.org/10.1093/iwc/iww021>]
- [J.18] Webman, R., Fritzeen, J., Yang, Y., Ye, G. F., Mullan, P. C., Qureshi, F., Parker, S. H., **Sarcevic, A.**, Marsic, I., and Burd, R. S., “Classification and team response to non-routine events occurring during pediatric trauma resuscitation,” *Journal of Trauma and Acute Care Surgery*, Vol. 81, Issue 4, pp. 666-673, October 2016.
[<https://doi.org/10.1097/TA.0000000000001196>]
- [J.19] Parlak, S., Marsic, I., **Sarcevic, A.**, Bajwa, W., Waterhouse, L., and Burd, R. S., “Passive RFID for object and use detection during trauma resuscitation,” *IEEE Transactions on Mobile Computing*, Vol. 15, Issue 4, pp. 924-937, April 2016 (Published online first: May 21, 2015).
[<https://doi.org/10.1109/TMC.2015.2436393>]
- [J.20] Kusunoki, D. S.,* **Sarcevic, A.**, Zhang, Z.,* and Yala M.,* “Sketching awareness: A participatory study to elicit designs for supporting emergency medical work,” *Computer Supported Cooperative Work (CSCW)*, Vol. 24, Issue 1, pp. 1-38, February 2015.
[<https://doi.org/10.1007/s10606-014-9210-5>]
- [J.21] Parsons, S. E., Carter, E. A., Waterhouse, L. J., Fritzeen, J., Kelleher, D. C., O’Connell, K. J., **Sarcevic, A.**, Baker, K. M., Nelson, E., Werner, N. E., Boehm-Davis, D. A., and Burd, R. S., “Improving ATLS performance in simulated pediatric trauma resuscitation using a checklist,” *Annals of Surgery*, Vol. 259, Issue 4, pp. 807-813, April 2014.
[<https://doi.org/10.1097/SLA.0000000000000259>]
- [J.22] Parsons, S. E., Waterhouse, L. J., **Sarcevic, A.**, Carter, E. A., and Burd, R. S., “Assessment of the workload of team members during trauma resuscitation,” *Journal of Trauma and Acute Care Surgery*, Vol. 73, Issue 5, pp. 1267–1272, November 2012.
[<https://doi.org/10.1097/Ta.0b013e318265d15a>]
- [J.23] Parlak, S., **Sarcevic, A.**, Marsic, I., and Burd, R. S., “Introducing RFID technology in dynamic and time-critical medical settings: Requirements and challenges,” *Journal of Biomedical Informatics*, Vol. 45, Issue 5, pp. 958–974, October 2012.
[<https://doi.org/10.1016/j.jbi.2012.04.003>]
- [J.24] **Sarcevic, A.**, Marsic, I., Burd, R. S., “Teamwork errors in trauma resuscitation,” *ACM Transactions on Computer-Human Interaction (TOCHI)*, Vol. 19, Issue 2, Article No. 13 [30 pages], July 2012.
[<https://doi.org/10.1145/2240156.2240161>]
- [J.25] **Sarcevic, A.**, Marsic, I., Waterhouse, J. L., Stockwell, D. C., and Burd, R. S., “Leadership structures in dynamic, critical care settings: A study of two trauma centers,” *International Journal of Medical Informatics (IJMI)*, Vol. 80, Issue 4, pp. 227-238, April 2011.
[<https://doi.org/10.1016/j.ijmedinf.2011.01.004>]

- [J.26] Velez, M. C., Tremaine, M., **Sarcevic, A.**, Dorohonceanu, B., Krebs, A., Marsic, I., “Who’s in charge here?: Communicating across unequal computer platforms,” *ACM Transactions on Computer-Human Interaction (TOCHI)*, Vol. 11, Issue 4, pp. 407-444, December 2004.
[<https://doi.org/10.1145/1035575.1035579>]

Full Conference Papers, Refereed

- [C.1] Zellner, K.,* Villegas, L. J.,* Neff, C.,* Gestrich-Thompson, W., Burd, R. S., Marsic, I., and **Sarcevic, A.**, “An analysis of speech during life-saving interventions to inform the design of a computerized system for delay detection,” to appear in *Proceedings of the American Medical Informatics Association 2022 Annual Symposium (AMIA 2022)*, pp. TBA, Washington DC, November 5-9, 2022.
- [C.2] Zhang, Z., **Sarcevic, A.**, Joy, K., Ozkaynak, M., and Adelgais, K., “User needs and challenges in information sharing between pre-hospital and hospital emergency care providers,” in *Proceedings of the American Medical Informatics Association 2021 Annual Symposium (AMIA 2021)*, Vol. 2021, pp. 1254–1263, San Diego, CA, October 30 – November 3, 2021. [PMCID: PMC8861689]
- [C.3] Mastrianni, A.,* **Sarcevic, A.**, Chung, L.,* Zakeri, I., Alberto, E. C., Milestone, Z., Marsic, I., and Burd, R. S., “Designing interactive alerts to improve recognition of critical events in medical emergencies,” in *Proceedings the ACM SIGCHI 2021 Conference on Designing Interactive Systems (DIS 2021)*, pp. 864-878, June 28-July 2, 2021. (Virtual due to the COVID-19 pandemic) [Acceptance rate 26.7%]
[<https://doi.org/10.1145/3461778.3462051>]
- [C.4] Mastrianni, A.,* Kulp, L.,* **Sarcevic, A.**, “Transitioning to remote user-centered design activities in the emergency medical field during a pandemic,” in *Extended Abstracts of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI 2021) – Case Studies*, Article No. 41 (8 pages), May 8 – 13, 2021. (Virtual due to the COVID-19 pandemic) [Acceptance rate 21%]
[<https://doi.org/10.1145/3411763.3443444>]
- [C.5] Kulp, L.* and **Sarcevic, A.**, “Envisioning a shared checklist display to support teamwork during emergency medical care,” in *Proceedings of the European Conference on Computer-Supported Cooperative Work (ECSCW 2020), Exploratory Papers*, June 13-17, 2020. (Virtual due to the COVID-19 pandemic)
[<https://dl.eusset.eu/handle/20.500.12015/3407>]
- [C.6] Kulp, L.,* **Sarcevic, A.**, Zheng, Y., Cheng, M., Alberto, E. C., and Burd, R. S., “Checklist design reconsidered: Understanding checklist compliance and timing of interactions,” in *Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI 2020)*, Article No. 724 (13 pages), Honolulu, Hawai’i, April 24-30, 2020. (Virtual due to the COVID-19 pandemic) [Acceptance rate 24.3%]
[<https://doi.org/10.1145/3313831.3376853>]
- [C.7] Kulp, L.,* **Sarcevic, A.**, Cheng M., Zheng, Y., and Burd, R. S., “Comparing the effects of paper and digital checklists on team performance in time-critical work,” in *Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI 2019)*, Article No. 547 (13 pages), Glasgow, UK, May 4-9, 2019. [Acceptance rate 23.8%]
[<https://doi.org/10.1145/3290605.3300777>]
- [C.8] Jagannath, S.,* **Sarcevic, A.**, Young, V.,* and Myers, S., “Temporal rhythms and patterns of electronic documentation in time-critical medical work,” in *Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI 2019)*, Article No. 334 (13 pages), Glasgow, UK, May 4-9, 2019. [Acceptance rate 23.8%]
[<https://doi.org/10.1145/3290605.3300564>]
- [C.9] Jagannath, S.,* **Sarcevic, A.**, and Myers, S., “From paper forms to electronic flowsheets: Documenting medical resuscitations in a time of transition,” in *Proceedings of the iConference 2019*, pp. 718-724, Washington, DC, March 31-April 3, 2019. [Acceptance rate 37.5%]
[https://doi.org/10.1007/978-3-030-15742-5_68]
- [C.10] Jagannath, S.,* **Sarcevic, A.**, and Marsic, I., “An analysis of speech as a modality for activity recognition during complex medical teamwork,” in *Proceedings of the 12th EAI International Conference on Pervasive*

Computing Technologies for Healthcare - Pervasive Health 2018, pp. 88-97, New York City, NY, May 21-24, 2018. [Acceptance rate 24%] [<https://doi.org/10.1145/3240925.3240941>]

- [C.11] Yang, S., Ni, W., Dong, X., Chen, S., Farneth, R. A., **Sarcevic, A.**, Marsic, I., and Burd, R. S., “Intention mining in medical process: A case study in trauma resuscitation,” in *Proceedings of the 2018 IEEE International Conference on Healthcare Informatics (ICHI)*, pp. 36-43, New York City, NY, USA, 2018. [<https://doi.org/10.1109/ICHI.2018.00012>]
- [C.12] Kulp, L.,* **Sarcevic, A.**, Farneth, R., Ahmed, O., Mai, D.,* Marsic, I., and Burd, R. S., “Exploring design opportunities for a context-adaptive medical checklist through technology probe approach,” in *Proceedings of the ACM SIGCHI 2017 Conference on Designing Interactive Systems (DIS 2017)*, pp. 57-68, Edinburgh, Scotland, June 10 – 14, 2017. [Acceptance rate 22%] [<https://doi.org/10.1145/3064663.3064715>]
- [C.13] Zhang, Z.,* **Sarcevic, A.**, and Bossen, C., “Constructing common information spaces across distributed emergency medical teams,” in *Proceedings of the ACM 2017 Conference on Computer Supported Cooperative Work and Social Computing (CSCW 2017)*, pp. 934-947, Portland, Oregon, February 25 – March 1, 2017. [Acceptance rate 34.5% with journal-like revision cycle] [<https://doi.org/10.1145/2998181.2998328>]
- [C.14] Li, X., Zhang, Y., Marsic, I., **Sarcevic, A.**, and Burd, R. S., “Deep learning for RFID-based activity recognition,” in *Proceedings of the 14th ACM Conference on Embedded Networked Sensor Systems (SenSys 2016)*, pp. 164-175, November 14-16, 2016, Stanford, CA, USA. [Acceptance rate 17%] [<https://doi.org/10.1145/2994551.2994569>]
- [C.15] **Sarcevic, A.**, Zhang, Z.,* Marsic, I., and Burd, R. S., “Checklist as a memory externalization tool during a critical care process,” in *Proceedings of the American Medical Informatics Association 2016 Annual Symposium (AMIA 2016)*, pp. 1080–1089, Chicago, IL, November 12-16, 2016. [Acceptance rate 41%] [PMCID: PMC5333210]
- [C.16] **Sarcevic, A.**, Rosen, B.,* Kulp, L.,* Marsic, I., and Burd, R. S., “Design challenges in converting paper to digital checklists for dynamic medical settings,” in *Proceedings of the 10th EAI International Conference on Pervasive Computing Technologies for Healthcare - Pervasive Health 2016*, pp. 33-40, Cancun, Mexico, May 16-19, 2016. [Acceptance rate 35%] [PMCID: PMC5415085]
- [C.17] Li, X., Yao, D., Johannemann, J., Pan, X., Yang, J., Webman, R., **Sarcevic, A.**, Marsic, I., and Burd, R. S., “Activity recognition for medical teamwork based on passive RFID,” in *Proceedings of 2016 IEEE International Conference on RFID (RFID 2016)*, pp. 1-9, Orlando, FL, May 3-5, 2016. [**Best Paper Nomination**] [Acceptance rate 33%] [<https://doi.org/10.1109/RFID.2016.7488002>]
- [C.18] Zhang, Z.* and **Sarcevic, A.**, “Constructing awareness through speech, gesture, gaze and movement during a time-critical medical task,” in *Proceedings of the European Conference on Computer-Supported Cooperative Work (ECSCW 2015)*, pp. 163-182, Oslo, Norway, September 19-23, 2015. [Acceptance rate 20%] [https://doi.org/10.1007/978-3-319-20499-4_9]
- [C.19] Kusunoki, D. S.* and **Sarcevic, A.**, “Designing for temporal awareness: The role of temporality in time-critical medical teamwork,” in *Proceedings of the ACM 2015 Conference on Computer Supported Cooperative Work and Social Computing (CSCW 2015)*, pp. 1465-1476, Vancouver, BC, Canada, March 14-18, 2015. [**Best Paper Honorable Mention**] [Acceptance rate 28.3% with journal-like revision cycle] [<https://doi.org/10.1145/2675133.2675279>]
- [C.20] Zhang, Z.,* **Sarcevic, A.**, Yala, M.,* and Burd, R. S., “Informing digital cognitive aids design for emergency medical work by understanding paper checklist use,” in *Proceedings of the ACM 2014 Int'l Conference on Supporting Group Work (GROUP 2014)*, pp. 167-177, Sanibel Island, FL, November 9-12, 2014. [Acceptance rate 30%] [<https://doi.org/10.1145/2660398.2660423>]

- [C.21] Kusunoki, D. S.,* **Sarcevic, A.**, Weibel, N., Marsic, I., Zhang, Z.,* Tuveson, G., and Burd, R. S., “Balancing design tensions: Iterative display design to support ad hoc and interdisciplinary medical teamwork,” in *Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI 2014)*, pp. 3777-3786, Toronto, Canada, April 26 – May 1, 2014. [Acceptance rate 22.8%]
[<https://doi.org/10.1145/2556288.2557301>]
- [C.22] Zhang, Z.,* **Sarcevic, A.**, Burd, R. S., “Supporting information use and retention of pre-hospital information during trauma resuscitation: A qualitative study of pre-hospital communications and information needs,” in *Proceedings of the American Medical Informatics Association 2013 Annual Symposium (AMIA 2013)*, pp. 1579-1588, Washington, DC, November 16-20, 2013. [Acceptance rate 34%]
[PMCID: PMC3900167]
- [C.23] Kusunoki, D. S.,* **Sarcevic, A.**, Zhang, Z.,* Burd, R. S., “Understanding visual attention of teams in dynamic medical settings through vital signs monitor use,” in *Proceedings of the ACM 2013 Conference on Computer Supported Cooperative Work and Social Computing (CSCW 2013)*, pp. 527-540, San Antonio, TX, February 23-27, 2013. [Acceptance rate 35.6% with journal-like revision cycle]
[<https://doi.org/10.1145/2441776.2441836>]
- [C.24] **Sarcevic, A.**, Zhang, Z.,* and Kusunoki, D. S.,* “Decision making tasks in time-critical medical settings,” in *Proceedings of the ACM 2012 Int’l Conference on Supporting Group Work (GROUP 2012)*, pp. 99-102, Sanibel Island, FL, October 27-31, 2012. [Acceptance rate 37%]
[<https://doi.org/10.1145/2389176.2389191>]
- [C.25] **Sarcevic, A.**, Weibel, N., Hollan J. D., and Burd, R. S. “A paper-digital interface for information capture and display in time-critical medical work,” in *Proceedings of the 6th Int’l Conference on Pervasive Computing Technologies for Healthcare - Pervasive Health*, pp. 17-24, San Diego, CA, May 21-24, 2012. [Acceptance rate 33.96%]
[<https://doi.org/10.4108/icst.pervasivehealth.2012.248674>]
- [C.26] **Sarcevic, A.**, Palen, L. A., White, J., Starbird, K., Bagdouri, M., and Anderson, K., “‘Beacons of Hope’ in decentralized coordination: Learning from on-the-ground medical Twitterers during the 2010 Haiti earthquake,” in *Proceedings of the ACM 2012 Conference on Computer Supported Cooperative Work (CSCW 2012)*, pp. 47-56, Seattle, WA, February 11-15, 2012. [Acceptance rate 39.5% with journal-like revision cycle]
[<https://doi.org/10.1145/2145204.2145217>]
- [C.27] **Sarcevic, A.**, Palen, L. A., and Burd, R. S., “Coordinating time-critical work with role-tagging,” in *Proceedings of the ACM 2011 Conference on Computer Supported Cooperative Work (CSCW 2011)*, pp. 465-474, Hangzhou, China, March 19-23, 2011. [Acceptance rate 22%]
[<https://doi.org/10.1145/1958824.1958896>]
- [C.28] **Sarcevic, A.**, Marsic, I., and Burd, R. S., “Does size and location of the vital signs monitor matter? A study of two trauma centers,” in *Proceedings of the American Medical Informatics Association 2010 Annual Symposium (AMIA 2010)*, pp. 707-711, Washington, DC, November 13-17, 2010. [**Distinguished Paper Award**] [Acceptance rate 40%]
[PMCID: PMC3041385]
- [C.29] **Sarcevic, A.**, “Who’s scribing? Documenting patient encounter during trauma resuscitation,” in *Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI 2010)*, pp. 1899-1908, Atlanta, GA, April 10-15, 2010. [Acceptance rate 22%]
[<https://doi.org/10.1145/1753326.1753611>]
- [C.30] **Sarcevic, A.** and Burd, R. S., “Information handover in time-critical work,” in *Proceedings of the ACM 2009 Int’l Conference on Supporting Group Work (GROUP 2009)*, pp. 301-310, Sanibel Island, FL, May 10-13, 2009. [Acceptance rate 36%]
[<https://doi.org/10.1145/1531674.1531720>]
- [C.31] **Sarcevic, A.**, Marsic, I., Lesk, M. E., and Burd, R. S., “Transactive memory in trauma resuscitation,” in *Proceedings of the ACM 2008 Conference on Computer Supported Cooperative Work (CSCW 2008)*, pp.

215-224, San Diego, CA, November 8-12, 2008. [Best Paper Nomination] [Acceptance rate 23%]
[<https://doi.org/10.1145/1460563.1460597>]

- [C.32] Sarcevic, A. and Burd, R. S., “What’s the story? Information needs of trauma teams,” in *Proceedings of the American Medical Informatics Association 2008 Annual Symposium (AMIA 2008)*, pp. 641-645, Washington, DC, November 8-12, 2008. [Acceptance rate 20%]
[PMCID: PMC2656064]
- [C.33] Sarcevic, A., “Human-information interaction in time-critical settings: Information needs and use in the emergency room,” in *Proceedings of the 70th Annual Meeting of the American Society for Information Science and Technology (ASIS&T 2007)*, vol. 44, no. 1, Milwaukee, WI, October 18-25, 2007.
[<https://doi.org/10.1002/meet.1450440241>]
- [C.34] Tremaine, M., Sarcevic, A., Wu, D., Velez, M. C., Dorohonceanu, B., Krebs, A., and Marsic, I., “Size does matter in computer collaboration: Heterogeneous platform effects on human-human interaction,” in *Proceedings of the 38th Hawaiian Int’l Conference on System Sciences (HICSS-38)*, Waikoloa, Big Island, Hawaii, January 3-6, 2005.
[<https://doi.org/10.1109/HICSS.2005.543>]

Book Chapters, Refereed

- [B.1] Sarcevic, A., Marsic, I., Burd, R. S., “Dashboard design for improved team situation awareness in time-critical medical work: Challenges and lessons learned,” in M. Ackerman, M. Prilla, C. Stary, T. Herrmann, and S. Goggins (Eds.), *Designing Healthcare That Works: A Sociotechnical Approach*, November 2017, pp. 113-132, Academic Press.
- [B.2] Sellen, K., Sarcevic, A., Chen, Y., Randell, R., Zhou, X., Chan, D., and Rajkomar, A., “Practicalities of data collection in healthcare fieldwork,” in D. Furniss, R. Randell, A. A. O’Kane, S. Taneva, H. Mentis, and A. Blandford (Eds.), *Fieldwork for Healthcare: Guidance for Investigating Human Factors in Computing Systems*, Synthesis Lectures on Assistive, Rehabilitative, and Health-Preserving Technologies, vol. 2, no. 1, December 2014, pp. 57-72, Morgan & Claypool Publishers.
- [B.3] Sarcevic, A., “Understanding trauma resuscitation: Experiences from the field and lessons learned,” in D. Furniss, A. A. O’Kane, R. Randell, S. Taneva, H. Mentis, and A. Blandford (Eds.), *Fieldwork for Healthcare: Case Studies Investigating Human Factors in Computing Systems*, Synthesis Lectures on Assistive, Rehabilitative, and Health-Preserving Technologies, vol. 3, no. 1, January 2014, pp. 11-18, Morgan & Claypool Publishers.

Short Conference Papers and Abstracts, Juried²

- [c.1] Mastrianni, A.,* Cui, H.,* and Sarcevic, A., “‘Pop-up alerts are the bane of my existence’: Designing alerts for cognitive aids used in time-critical medical settings,” in *CHI Conference on Human Factors in Computing Systems Extended Abstracts (CHI EA 2022)*, Article No. 310 (7 pages), New Orleans, LA, April 29-May 5, 2022. [Acceptance rate 36.1%]
[<https://doi.org/10.1145/3491101.3519669>]
- [c.2] Dominick, C., Phillips, S., Tsukuda, C., Owens, A., Lydon, A., Buffman, H., Bailey, C., Rodia, P., Shults, J., Leong, A.,* Bellanich, A.,* Sarcevic, A., Nadkarni, V., and Nishisaki, A., “Interdisciplinary simulation to explore implementation of digital airway safety checklist,” poster presentation at *CHOP’s 5th Interprofessional Education Symposium*, Philadelphia, PA, January 19, 2022.
- [c.3] Zellner, K.,* Coates, M.,* Lee, A.,* Jagannath, S.,* Sarcevic, A., Alberto, E. C., Harvey, A., Burd, R. S., and Marsic, I. “Characterizing speech in life saving interventions to inform computerized clinical decision support for complex medical teamwork,” in *Companion Publication of the 2021 Conference on Computer*

² Juried content is also reviewed by a committee and external experts but in a less rigorous process that does not include an author’s response or conditional acceptance. (ACM Policy on Pre-Publication Evaluation)

- Supported Cooperative Work and Social Computing (CSCW 2021)*, pp. 199–202, October 23-27, 2021. (Virtual due to COVID-19 pandemic). [<https://doi.org/10.1145/3462204.3481746>]
- [c.4] Sherpa, D.,* Mastrianni, A.,* and **Sarcevic, A.**, “Exploring the design of streaming data interfaces for emergency medical contexts,” in *Adjunct Publication of the 23rd International Conference on Mobile Human-Computer Interaction (MobileHCI '21 Adjunct)*, Article No. 12 (8 pages), Toulouse, France, September 27 – October 1, 2021. (Virtual due to COVID-19 pandemic) [<https://doi.org/10.1145/3447527.3474858>]
- [c.5] Alberto, E. C., Mastrianni, A.,* McCarthy, K. H., Milestone, Z. P., Chung, L.,* Cha, N.,* Mapelli, E.,* Marsic, I., O’Connell, K. J., **Sarcevic, A.**, and Burd, R. S., “Factors affecting time to successful peripheral intravenous catheter insertion during pediatric trauma resuscitation,” abstract presentation at the *11th Annual Research, Education and Innovation Week 2021*, Children’s National Research Institute, April 12-16, 2021. (Virtual due to the Covid-19 pandemic)
- [c.6] Alberto, E. C., Mastrianni, A.,* McCarthy, K. H., Milestone, Z. P., Chung, L.,* Cha, N.,* Mapelli, E.,* Marsic, I., O’Connell, K. J., **Sarcevic, A.**, and Burd, R. S., “Factors affecting time to successful peripheral intravenous catheter insertion during pediatric trauma resuscitation,” abstract presentation at *Regional Committee on Trauma*, December 2020. (Virtual due to the COVID-19 pandemic)
- [c.7] Alberto, E. C., Mastrianni, A.,* McCarthy, K. H., Milestone, Z. P., Chung, L.,* Cha, N.,* Mapelli, E.,* Marsic, I., O’Connell, K. J., **Sarcevic, A.**, and Burd, R. S., “Factors affecting time to successful peripheral intravenous catheter insertion during pediatric trauma resuscitation,” abstract presented at *DC Committee on Trauma*, November 2020. (Virtual due to the COVID-19 pandemic) [**First Place**]
- [c.8] Diva, S., DiMaria-Ghalili, R. A., Gitlin, L. N., **Sarcevic, A.**, Yan, E., Huh-Yoo, J., “Information quality assessment framework for online dementia care resources,” abstract presented at *Gerontological Society of America (GSA) 2020 Annual Scientific Online Meeting*, November 4–7, 2020. (Virtual due to the COVID-19 pandemic)
- [c.9] Alberto, E. C., Zheng, Y., Marsic, I., **Sarcevic, A.**, and Burd, R. S., “Assessment of pre-hospital Glasgow Coma Scale as a predictor of early blood transfusion following pediatric injury,” abstract presented at the *7th Annual Meeting of the Pediatric Trauma Society*, November 4–7, 2020. (Virtual due to the COVID-19 pandemic)
- [c.10] Mastrianni, A.,* Kulp, L.,* Mapelli, E.,* and **Sarcevic, A.**, “Understanding digital checklist use through a study of team communication,” in *Extended Abstracts of the 2020 CHI Conference on Human Factors in Computing Systems (CHI EA 2020)*, Article No. LBW106 (8 pages), Honolulu, Hawai’i, April 24-30, 2020. (Virtual due to COVID-19 pandemic) [Acceptance rate 41.8%] [<https://doi.org/10.1145/3334480.3382817>]
- [c.11] Alberto E. C., Harvey A. R., Amberson M. J., Zheng Y, Marsic I., Thenappan A. A., **Sarcevic A.**, O’Connell K. J., and Burd R. S., “Assessment of non-routine events and significant physiological disturbances during resuscitation following pediatric head trauma,” in *Proceedings of the Annual John M. Templeton Jr. Pediatric Trauma Symposium*, Philadelphia, PA, March 6-7, 2020.
- [c.12] Alberto, E. C., Amberson, M. J., Cheng, M., Xu, Z., **Sarcevic, A.**, O’Connell, K. J., and Burd, R. S., “Assessment of non-routine events during intubation for pediatric trauma,” *Journal of the American College of Surgeons*, vol. 229, no. 4, S142 (1 page), October 2019.
- [c.13] Jagannath, S.,* **Sarcevic, A.**, Kamireddi, N.,* and Marsic, I. “Assessing the feasibility of speech-based activity recognition in dynamic medical settings,” in *Extended Abstracts of the 2019 CHI Conference on Human Factors in Computing Systems (CHI EA 2019)*, Article No. LBW0225 (6 pages), Glasgow, UK, May 4-9, 2019. [Acceptance rate 42.2%] [<https://doi.org/10.1145/3290607.3312983>]
- [c.14] Jagannath, S.,* **Sarcevic, A.**, and Forte, A., “‘We are not entirely replacing paper’: Understanding paper persistence in emergency medical settings,” in *Companion of the 2018 ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW 2018)*, Article No. 47 (6 pages), Jersey City, NJ, November 3-7, 2018. [<https://doi.org/10.1145/3272973.3274067>]

- [c.15] Jagannath, S.* and **Sarcevic, A.**, “Speech modeling for automatic activity recognition in complex medical settings,” research shorts presentation at the *2018 ACM Philadelphia Region Celebration of Women in Computing Conference*, Philadelphia, PA, April 20-21, 2018. [**Best Research Shorts Presentation**]
- [c.16] Klein, A.,* Kulp, L.,* **Sarcevic, A.**, “Designing and optimizing digital applications for medical emergencies,” in *Extended Abstracts of the 2018 CHI Conference on Human Factors in Computing Systems (CHI EA 2018)*, Article No. LBW588 (6 pages), Montreal QC, Canada, April 21-26, 2018. [<https://doi.org/10.1145/3170427.3188678>]
- [c.17] Kulp, L.* and **Sarcevic, A.**, “Design in the ‘medical’ wild: Challenges of technology deployment,” in *Extended Abstracts of the 2018 CHI Conference on Human Factors in Computing Systems (CHI EA 2018)*, Article No. LBW040 (6 pages), Montreal QC, Canada, April 21-26, 2018. [<https://doi.org/10.1145/3170427.3188571>]
- [c.18] Ahmed, O.Z., Yang, S., Farneth, R.A., **Sarcevic, A.**, Marsic, I., and Burd, R.S., “The association between pre-arrival notification time and adherence to ATLS protocol,” in *Proceedings of the 2017 Annual Meeting of the Pediatric Trauma Society*, podium presentation, Charleston, SC, November 2-4, 2017.
- [c.19] Jagannath, S.* and **Sarcevic, A.**, “Using speech in complex teamwork to support activity recognition,” in *Proceedings of the 2017 Workshop on Interactive Systems in Healthcare (WISH 2017)*, Denver, CO, May 7, 2017.
- [c.20] Kulp, L.* and **Sarcevic, A.**, “Design in the wild: Lessons from researcher participation in design of emerging technology,” in *Proceedings of the 2017 CHI Conference Extended Abstracts on Human Factors in Computing Systems (CHI EA 2017)*, May 2017, pp. 1802-1808, Denver, CO, May 6-11, 2017. [<https://doi.org/10.1145/3027063.3053170>]
- [c.21] Kulp, L.,* **Sarcevic, A.**, and Burd, R.S., “Identifying and addressing usability challenges of a digital checklist application for trauma resuscitation,” in *Proceedings of the 2017 iHealth Clinical Informatics Conference*, Philadelphia, PA, May 2-4, 2017.
- [c.22] Ferraro, N.,* **Sarcevic, A.**, and Myers, S., “An innovative approach to supporting decision making in a high-risk medical setting: Iterative design of a real-time information display,” poster presented at the *8th Annual Mid-Atlantic Healthcare Informatics Symposium*, Philadelphia, PA, October 23, 2015.
- [c.23] Multak, N.,* **Sarcevic, A.**, and Myers, S. R., “Understanding the use of paper records during trauma and medical resuscitations to inform the design of computer-based documentation tools,” poster presented at the *8th Annual Mid-Atlantic Healthcare Informatics Symposium*, Philadelphia, PA, October 23, 2015.
- [c.24] Rosen, B.,* **Sarcevic, A.**, Marsic, I., and Burd, R. S., “A dynamic digital checklist for supporting trauma resuscitation teams,” poster presented at the *8th Annual Mid-Atlantic Healthcare Informatics Symposium*, Philadelphia, PA, October 23, 2015.
- [c.25] Moharram, H.,* **Sarcevic, A.**, and Myers, S. R., “Technology design opportunities for supporting work processes of individual team members during trauma resuscitation,” poster presented at the *8th Annual Mid-Atlantic Healthcare Informatics Symposium*, Philadelphia, PA, October 23, 2015.
- [c.26] Zhang, Z.* and **Sarcevic, A.**, “Pre-hospital information use during trauma resuscitation,” in *Proceedings of the iConference 2015*, 4 pages, Newport Beach, CA, March 24-25, 2015. [<http://hdl.handle.net/2142/73706>]
- [c.27] Griswold, S., Montgomery, K., Morse, C., Erbayri, J., Farabaugh, D., Multak, N., Wilson, L., and **Sarcevic, A.**, “Faculty Development Interprofessional Education Curriculum (IPEC): Case-Based Learning of IPE via a Complicated Newborn Resuscitation: Baby Boy Blue,” *MedEdPORTAL Publications*, April 20, 2014. [https://doi.org/10.15766/mep_2374-8265.9781]
- [c.28] Kusunoki, D. S.,* **Sarcevic, A.**, Weibel, N., and Burd, R. S. “Opportunities for blended interaction in emergency rooms: Coupling displays with digital pen input,” in *Proceedings of the 7th Int’l Conference on Pervasive Computing Technologies for Healthcare - Pervasive Health 2013*, pp. 288-289, Venice, Italy, May 5-8, 2013. [<https://doi.org/10.4108/icst.pervasivehealth.2013.252034>]

- [c.29] Kusunoki, D. S.* and **Sarcevic, A.**, “A participatory framework for evaluation design,” in *Proceedings of the iConference 2013*, pp. 860-864, Fort Worth, TX, February 12-15, 2013.
- [c.30] Zhang, Z.,* **Sarcevic, A.**, and An, Y., “A prototype system for heterogeneous data management and medical devices integration in trauma resuscitation,” in *Proceedings of the iConference 2013*, pp. 785-789, Fort Worth, TX, February 12-15, 2013.
- [c.31] Kusunoki, D. S.* and **Sarcevic, A.**, “Applying participatory design theory to designing evaluation methods,” in *CHI 2012 Extended Abstracts on Human Factors in Computing Systems (CHI EA 2012)*, pp. 1895-1900, Austin, TX, May 5-10, 2012.
[<https://doi.org/10.1145/2212776.2223725>]
- [c.32] **Sarcevic, A.**, “Understanding teamwork in high-risk domains through analysis of errors,” in *CHI 2009 Extended Abstracts on Human Factors in Computing Systems (CHI EA 2009)*, pp. 4651-4656, Boston, Massachusetts, April 4-9, 2009.
[<https://doi.org/10.1145/1520340.1520715>]
- [c.33] Tinti, M. S., **Sarcevic, A.**, Marsic, I., Hammond, J. S., and Burd, R. S., “Quantifying error types, attribution and timing in trauma resuscitation,” in *Proceedings of the American Association for the Surgery of Trauma 67th Annual Meeting*, Session IV, Poster # SI-76 (page 76), 2008.
- [c.34] **Sarcevic, A.**, Lesk, M. E., Marsic, I., and Burd R. S., “Quantifying adaptation parameters for information support of trauma teams,” in *CHI 2008 Extended Abstracts on Human Factors in Computing Systems (CHI EA 2008)*, pp. 3303-3308, Florence, Italy, April 5-10, 2008.
[<https://doi.org/10.1145/1358628.1358848>]

Position (Workshop) Papers, Juried

- [W.1] **Sarcevic, A.**, Marsic, I., and Burd, R. S., “Challenges for AI approaches to activity recognition in teamwork,” presented at the *ACM CHI 2020 Workshop AI4HCI*, Honolulu, HI, April 24-25, 2020 (held virtually in June 2020 due to the COVID-19 pandemic)
- [W.2] **Sarcevic, A.**, “Electronic health records in emergency medical care,” presented at the *Next Generation of Electronic Health Records Workshop*, Copenhagen, Denmark, March 21, 2018.
- [W.3] Yang, S., Zhou, M., Webman, R., Yang, J.W., **Sarcevic, A.**, Marsic, I., and Burd, R.S., “Duration-aware alignment of process traces,” presented at the *ACM KDD 2016 Workshop on Interactive Data Exploration and Analytics (IDEA)*, San Francisco, California, August 14, 2016.
- [W.4] **Sarcevic, A.**, “Understanding trauma resuscitation: Experiences from the field and lessons learned,” presented at the *ACM CHI 2013 Workshop “HCI Fieldwork in Healthcare – Creating a Guidebook*,” Paris, France, April 27, 2013.
- [W.5] Zhang, Z.* and **Sarcevic, A.**, “An analysis of pre-hospital communication in emergency care,” presented at the *ACM CSCW 2013 Workshop “Beyond Formality: Informal Communication in Health Practices*,” San Antonio, TX, February 24, 2013.
- [W.6] **Sarcevic, A.**, Lesk, M. E., Marsic, I., Burd, R. S., “Towards an efficient method for studying collaborative practices of emergency care teams,” presented at the *ACM CSCW 2010 Workshop “CSCW Research in Healthcare*,” Savannah, Georgia, February 7, 2010.
- [W.7] **Sarcevic, A.**, “A study of collaborative information behavior in trauma resuscitation,” presented at the *ACM GROUP 2009 Workshop “Collaborative Information Behavior (CIB)*,” Sanibel Island, Florida, May 10, 2009.
- [W.8] **Sarcevic, A.** and Lesk, M. E., “Searching for emotional content in digital video,” presented at the *ACM CHI 2006 Workshop “HCI and the Face*,” Montreal, Canada, April 22-27, 2006.

Workshops

- [w.1] Chen, Y., Tang, C., Zhou, X., **Sarcevic, A. (co-organizer)**, Lee, S., “Beyond formality: Informal communication in health practices,” in the *ACM CSCW 2013 Companion*, pp. 307-312, San Antonio, TX, February 23-27, 2013.

Panels

- [P.1] **Sarcevic, A.**, Pratt, W., Reddy, M., Goel, M. (**panelists**), “HCI in Clinical Contexts,” panel presentation at *HCIC 2022*, Lake Lawn Resort, WI, June 19-23, 2022.
- [P.2] Mamykina, O., Marcu, G., Klasnja, P., **Sarcevic, A. (panelist)**, Siek, K. A., “Bridging Communities for Better HIT: Streaming Conversations from WISH on Challenges, Strategies, and Opportunities,” *SIG at ACM CHI 2017*, Denver, CO, May 6 – 11, 2017.
- [P.3] Greif, I., Luff, P., Brown, B., **Sarcevic, A. (panelist)**, and Teevan, J., “Lasting Impact Award: Paul Luff and Christian Heath,” *ACM CSCW 2017*, Portland, OR, February 25 – March 1, 2017.
- [P.4] Chu, L., Harrison, K., **Sarcevic, A. (panelist)**, “Cognitive aid checklists for medical crisis management: Design process, technological innovation, and evaluation of efficacy,” in *Proceedings of the International Meeting for Simulation in Healthcare (IMSH 2015)*, New Orleans, LA, January 10-14, 2015.
- [P.5] **Sarcevic, A. (organizer/moderator)**, Winters, B., Burd, R. S., Chu, L. “Going digital: Transforming medical checklists for improved patient care,” in *Proceedings of the American Medical Informatics Association 2014 Annual Symposium (AMIA 2014)*, Washington, DC, November 15-19, 2014.
- [P.6] Mentis, H. M., **Sarcevic, A. (co-organizer)**, Randell, R., Gorman, P., “Embracing challenges for impact in clinical systems research,” in *Proceedings of the 2013 Workshop on Interactive Systems in Healthcare (WISH 2013)*, Washington, DC, November 16, 2013.
- [P.7] **Sarcevic, A. (organizer)**, Paul, S. A., Hilligoss, B., Scupelli, P. G., “Assessing the practical impact of healthcare research,” in *Proceedings of the iConference 2011*, Seattle, Washington, February 8-11, 2011.

Edited Works

- [E.1] Bardzell, S., Lindley, S., **Sarcevic, A.**, Kuzuoka, H., Reinecke, K., Wang, H-C., Yamashita, N., (Eds.), “PACMHCI V6 CSCW1 April 2022 Editorial,” in *Proceedings of ACM Human-Computer Interaction*, vol. 6, issue CSCW1, Article 1 (April 2022), 1 page. DOI: 10.1145/3512825.
- [E.2] Bardzell, S., Lindley, S., **Sarcevic, A.** (Eds.), “PACMHCI V5 CSCW2 October 2021 Editorial,” in *Proceedings of ACM Human-Computer Interaction*, vol. 5, issue CSCW2, Article 1 (April 2021), 1 page. DOI: 10.1145/3476022.
- [E.3] Bardzell, S., Kim, J., Lindley, S., **Sarcevic, A.**, and Schoenebeck, S. (Eds.), “PACMHCI V5 CSCW1 April 2021 Editorial,” in *Proceedings of ACM Human-Computer Interaction*, vol. 5, issue CSCW1, Article 291 (October 2021), 1 page. DOI: 10.1145/3449254.
- [E.4] Lewkowicz, M. and Sarcevic, A. (Eds.), “Exploratory Papers: A New Venue for ECSCW 2017,” in *Proceedings of 15th European Conference on Computer-Supported Cooperative Work - Exploratory Papers*, Sheffield, United Kingdom, 28 August - 1 September 2017. European Society for Socially Embedded Technologies (EUSSET).

Doctoral Consortia, Juried

- [DC.1] **Sarcevic, A.**, “Collaborative processes in trauma teams,” presented at the *Doctoral Consortium, ACM GROUP 2007*, article no. 11, 2 pages, Sanibel Island, Florida, November 4-7, 2007.

Other Publications, Presentations and Demos

- [p.1] Mastrianni, A.,* Cui, H.,* and **Sarcevic, A.**, “Designing and evaluating automated documentation on cognitive aids used in critical care,” poster presentation at *HCIC 2022*, Lake Lawn Resort, WI, June 19-23, 2022.
- [p.2] Zellner, K.,* **Sarcevic, A.**, Dixon, R.,* Sullivan, T., “A human centered design approach to prototyping a system to support delay awareness in trauma resuscitation,” poster presentation at the *2022 CRA-WP Grad Cohort for Women*, New Orleans, LA, April 21-23, 2022.
- [p.3] Cui, H.,* Mastrianni, A.,* and **Sarcevic, A.**, “Evaluating alert designs for cognitive aids used in emergency medicine,” virtual research poster presentation at the *6th Annual Drexel Emerging Graduate Scholars*

(DEGS) Conference, Philadelphia, PA, April 13-14, 2022. [**Third Place Virtual Research Poster Presentation**]

- [p.4] Almengor, L.,* Mastrianni, A.,* and **Sarcevic, A.**, “Evaluating medical checklist use during the transition from paper to digital formats,” virtual research poster presentation at the *6th Annual Drexel Emerging Graduate Scholars (DEGS) Conference*, Philadelphia, PA, April 13-14, 2022.
- [p.5] Lee, A.,* Mastrianni, A.,* and **Sarcevic, A.**, “Opportunities for digital checklists as decision support tools in pediatric trauma resuscitation,” poster presentation at *Discovery Day*, College of Medicine, Drexel University, Philadelphia, PA, October 21, 2021.
- [p.6] Neff, C.,* Zellner, K.,* and **Sarcevic, A.**, “Speech patterns during intubation delays in trauma resuscitation events to inform computerized clinical decision support,” poster presentation at *Discovery Day*, College of Medicine, Drexel University, Philadelphia, PA, October 21, 2021.
- [p.7] Chung, L.,* Mastrianni, A.,* Alberto, E.C., and **Sarcevic, A.**, “Designing interactive alerts to improve recognition of critical events in medical emergencies,” poster presentation at *Discovery Day*, College of Medicine, Drexel University, Philadelphia, PA, October 21, 2021.
- [p.8] Mapelli, E.,* Mastrianni, A.,* and **Sarcevic, A.**, “The effects of teamwork on technology use during pediatric trauma resuscitations,” abstract presentation at *2021 Research Day*, St. Christopher's Hospital for Children, Philadelphia, PA, May 21, 2021. (Virtual due to Covid-19)
- [p.9] Sherpa, D.,* Mastrianni, A.,* and **Sarcevic, A.**, “Designing streaming data interfaces for a digital checklist used in emergency medicine,” poster presentation at the *Week of Undergraduate Excellence*, Drexel University, Philadelphia, PA, May 17-21, 2021. (Virtual due to the COVID-19 pandemic)
- [p.10] Mastrianni, A.,* **Sarcevic, A.**, Chung, L.,* Zakeri, I., Alberto, E. C., Milestone, Z. P., Marsic, I., and Burd, R. S., “Increasing awareness of critical events through interactive alerts in medical emergencies,” oral research presentation at the *5th Annual Drexel Emerging Graduate Scholars (DEGS) Conference*, Philadelphia, PA, April 26-27, 2021. (Virtual due to the COVID-19 pandemic) [**Fourth Place Oral Research Presentation**]
- [p.11] Zellner, K.,* Jagannath, S.,* Alberto, E. C., Haile, M.,* Harvey, A., Marsic, I., Burd, R. S., and **Sarcevic, A.**, “Characterizing speech during delayed life-saving interventions to inform a clinical decision support system,” poster presentation at the *5th Annual Drexel Emerging Graduate Scholars (DEGS) Conference*, Philadelphia, PA, April 26-27, 2021. (Virtual due to the COVID-19 pandemic)
- [p.12] Chung, L.,* Mastrianni, A.,* and **Sarcevic, A.**, “Understanding barriers to vital-sign task completion on digital checklists,” poster presentation at *Discovery Day*, College of Medicine, Drexel University, Philadelphia, PA, October 8, 2020. (Virtual due to the COVID-19 pandemic)
- [p.13] Cha, N.,* Mastrianni, A.,* Gao, C., and **Sarcevic, A.**, “Optimizing an automated speech recognition algorithm for transcription of trauma-resuscitation procedures,” poster presentation at *Discovery Day*, College of Medicine, Drexel University, Philadelphia, PA, October 8, 2020. (Virtual due to the COVID-19 pandemic)
- [p.14] Haile, M.,* Jagannath, S.,* and **Sarcevic, A.**, “Perception and communication of activity delays during trauma resuscitations,” poster presentation at the *2020 STAR Scholars Summer Showcase*, Drexel University, Philadelphia, PA, September 17, 2020. (Virtual due to the COVID-19 pandemic)
- [p.15] Mastrianni, A.,* Kulp, L.,* Mapelli, E.,* and **Sarcevic, A.**, “Understanding the effects of teamwork on digital checklist use,” poster presentation at the *4th Annual Drexel Emerging Graduate Scholars (DEGS) Conference*, Philadelphia, PA, April 22-23, 2020. (Virtual due to the COVID-19 pandemic) [**Dean’s Award for Best Research Poster Presentation**]
- [p.16] Jagannath, S.,* and **Sarcevic, A.**, “Speech patterns in extreme action teamwork and implications for designing decision-support systems,” working paper/poster presentation at *ACM 2020 Int’l Conference on Supporting Group Work (GROUP 2020)*, Sanibel Island, FL, January 5-8, 2020.
- [p.17] Kamireddi, N.,* Jagannath, S.,* and **Sarcevic, A.**, “A speech-based framework for understanding activity performance in extreme action teams,” abstract/poster presentation at the *3rd Annual Week of Undergraduate Excellence*, Drexel University, Philadelphia, PA, May 22, 2019.

- [p.18] Williamson, J.,* Kulp, L.,* and **Sarcevic, A.**, “Developing a checklist feature for organizing pre-hospital information during trauma resuscitations,” poster presented at the *2018 STAR Scholars Summer Showcase*, Drexel University, Philadelphia, PA, August 30, 2018.
- [p.19] Kamireddi, N.,* Jagannath S.,* and **Sarcevic, A.**, “Speech modeling for automatic activity recognition in trauma resuscitation,” poster presented at the *2018 STAR Scholars Summer Showcase*, Drexel University, Philadelphia, PA, August 30, 2018.
- [p.20] Young, V.,* Jagannath S.,* and **Sarcevic, A.**, “Electronic documentation efficiency and accuracy in medical resuscitations,” poster presented at the *2018 STAR Scholars Summer Showcase*, Drexel University, Philadelphia, PA, August 30, 2018.
- [p.21] Klein, A.,* Kulp, L.,* and **Sarcevic, A.**, “Designing and optimizing digital applications for medical emergencies,” poster presentation at *2nd Annual Week of Undergraduate Excellence*, Drexel University, Philadelphia, PA, May 17, 2018.
- [p.22] Jagannath, S.* and **Sarcevic, A.**, “Speech-based activity recognition for emergency medical scenarios,” poster presentation at the *2nd Drexel Emerging Graduate Scholars Conference (DEGS)*, Drexel University, Philadelphia, PA, April 19, 2018.
- [p.23] Kulp, L.* and **Sarcevic, A.**, “Exploring design opportunities for a smart medical checklist through technology probe approach,” poster presentation at *Drexel Emerging Graduate Scholars Conference*, Drexel University, Philadelphia, PA, April 27, 2017.
- [p.24] Jagannath, S.* and **Sarcevic, A.**, “Using speech in complex teamwork to support activity recognition,” oral presentation at *Drexel Emerging Graduate Scholars Conference*, Drexel University, Philadelphia, PA, April 27, 2017.
- [p.25] **Sarcevic, A.**, “Sketching awareness: A participatory study to elicit designs for supporting emergency medical work,” invited presentation, *JCSCW Papers, ACM 2016 Int’l Conference on Supporting Group Work (GROUP 2016)*, Sanibel Island, FL, November 13-16, 2016.
- [p.26] Ferraro, N.,* **Sarcevic, A.**, Myers S. R., “Iterative design of a real-time information display for a high-risk, fast-paced medical setting,” poster presented at *Drexel University Research Day 2015*, Philadelphia, PA, May 1, 2015.
- [p.27] **Sarcevic, A.**, Marsic, I., Burd, R. S., “Teamwork errors in trauma resuscitation,” invited presentation, *ToCHI Papers, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI 2013)*, Paris, France, April 27-May 2, 2013.
- [p.28] Kusunoki, D. S.,* Zhang, Z.,* **Sarcevic, A.**, “More monitors? Supporting situation awareness in the emergency room,” poster presented at *Drexel University Research Day 2012*, Philadelphia, PA, April 19, 2012. [**Dean’s Award in the Humanities & Social Sciences Category**]
- [p.29] Zhang, Z.,* Kusunoki, D. S.,* **Sarcevic, A.**, “An analysis of decision making tasks and information sources in trauma resuscitation,” poster presented at *Drexel University Research Day 2012*, Philadelphia, PA, April 19, 2012.
- [p.30] **Sarcevic, A.**, “Who’s scribing? Documenting patient encounter during trauma resuscitation,” invited poster, *Workshop on Interactive Systems in Healthcare (WISH 2010)*, Atlanta, GA, April 11, 2010.
- [p.31] **Sarcevic, A.**, “TraumaPen: Supporting situational awareness through real-time data capture and presentation in safety-critical work,” presentation at the *LIS Lunch Talks Series*, SC&I, Rutgers University, New Brunswick, NJ, October 7, 2010.
- [p.32] **Sarcevic, A.**, “Transactive memory in trauma resuscitation,” presentation at the *LIS Brown Bag Lunches*, SC&I, Rutgers University, New Brunswick, NJ, October 23, 2008.
- [p.33] Tremaine, M. and **Sarcevic, A.**, “Collaboration hypotheses: Slow Tetris,” demo presentation at the *ACM International Conference on Human Factors in Computing Systems (CHI ‘04)*, Vienna, Austria, April 24-29, 2004.
- [p.34] Correa, C., Dorohonceanu, B., **Sarcevic, A.**, Tremaine, M., Velez, M. C., “A Study on the impact of heterogeneous platforms on collaboration patterns and performance,” presentation at the *Interfaces for Mobile Devices* workshop at the *20th HCIL Annual Symposium & Open House*, University of Maryland, College Park, MD, May 29, 2003.

INVITED TALKS

- [T.1] **Sarcevic, A.**, “Simulation Research in the Age of COVID-19: A Case Study of Digital Checklist Design for Pediatric Trauma Resuscitation,” invited talk at *CHOP Simulation Center Research Conference*, January 5, 2021 (held virtually).
- [T.2] **Sarcevic, A.**, “Improving Trauma Resuscitation Outcomes through Information Technology (IT),” invited talk at *Trauma Symposium @ Tower Health*, Reading, PA, June 12, 2019.
- [T.3] **Sarcevic, A.**, “Towards Context-Adaptive Decision-Support and Documentation Systems for Medical Emergencies,” invited talk, *HCC Group Seminar*, Department of Computer Science, University of Copenhagen, Denmark, March 20, 2018
- [T.4] **Sarcevic, A.**, “Towards a Context-Adaptive Checklist for Medical Emergencies,” invited talk, *Seminar Series, UC Irvine Department of Informatics*, Irvine, CA, April 14, 2017.
- [T.5] **Sarcevic, A.**, “Designing for Improved Care in Safety-Critical Medical Work,” invited talk, *Value Institute, Christiana Care Health System*, Wilmington, DE, March 27, 2017.
- [T.6] **Sarcevic, A.**, “Community-Oriented Privacy Model for the IoT Era,” discussant for Haiyan Jia and Heng Xu’s “Connected Objects, Connected Data: New Paradigm of Individual Privacy,” *HCIC Annual Meeting*, Watsonville, CA, June 28, 2016
- [T.7] **Sarcevic, A.**, “Living a (Research) Movie: From Producing Movies to Saving Lives Using Technology,” invited lunchtime symposium talk, *Robot Springboard @ Drexel University Technology Camp for Middle School Girls from Philadelphia Area Schools*, Philadelphia, PA, August 4, 2015.
- [T.8] **Sarcevic, A.**, “Designing for Improved Care in Safety-Critical Medical Work,” *School of Communication & Information Speaker Series*, Rutgers University, New Brunswick, NJ, February 4, 2015.
- [T.9] **Sarcevic, A.**, “TRUBoard: A Display System for Improving Team Situation Awareness during Time-Critical Medical Events,” distinguished lecture, *Technology and Social Behavior Speaker Series*, Northwestern University, Evanston, IL, November 20, 2014.
- [T.10] **Sarcevic, A.**, “Living a (Research) Movie: From Producing Movies to Saving Lives Using Technology,” invited lunchtime symposium talk, *Robot Springboard @ Drexel University Technology Camp for Middle School Girls from Philadelphia Area Schools*, Philadelphia, PA, August 7, 2014.
- [T.11] **Sarcevic, A.**, “Who’s Scribing? Documenting Patient Encounters during Trauma Resuscitation,” invited talk, *Emergency Medicine Research-in-Progress Meeting, Department of Emergency Medicine*, Hospital of the University of Pennsylvania, Philadelphia, PA, April 16, 2014.
- [T.12] **Sarcevic, A.**, “Who’s Scribing? Documenting Patient Encounters during Trauma Resuscitation,” invited talk, *Wednesday Research Conference Series, Division of Traumatology, Surgical Critical Care and Emergency Surgery*, Hospital of the University of Pennsylvania, Philadelphia, PA, April 2, 2014.
- [T.13] **Sarcevic, A.**, “Supporting Fast-Response Medical Teams through Interactive Information Displays,” invited talk, *School of Biomedical Engineering, Science and Health Systems Seminar*, Drexel University, February 14, 2014.
- [T.14] **Sarcevic, A.**, “Supporting Fast-Response Medical Teams through Interactive Information Displays,” invited talk, *Computer Science Department Colloquium*, University of Colorado, Boulder, January 30, 2014.
- [T.15] **Sarcevic, A.**, “Supporting Fast-Response Medical Teams through Interactive Information Displays,” invited talk, *Human-Computer Interaction Seminar*, Computer Science Department, Stanford University, Palo Alto, CA, December 6, 2013.
- [T.16] **Sarcevic, A.**, “Living a (Research) Movie: From Producing Movies to Saving Lives Using Technology,” invited lunchtime symposium talk, *Robot Springboard @ Drexel University, Technology Camp for Middle School Girls from West Philadelphia Area Schools*, Philadelphia, PA, August 8, 2013.
- [T.17] **Sarcevic, A.**, “TraumaPen: Supporting Situation Awareness through Real-Time Data Capture & Presentation in Safety-Critical Medical Work,” invited talk, *University of Maryland at Baltimore*, Baltimore, MD, March 29, 2013.

- [T.18] **Sarcevic, A.**, “Learning about Safety-Critical Teamwork from an Analysis of Team Errors in Trauma Resuscitation,” invited talk, *William J. Hughes Technical Center Human Factors Branch*, Federal Aviation Administration (FAA), Atlantic City, NJ, September 19, 2012.
- [T.19] **Sarcevic, A.**, “Technology Solutions to Improve Emergency Medical and Trauma Resuscitation,” invited talk, *Emergency Medicine Research Conference*, Hospital of the University of Pennsylvania, Philadelphia, PA, June 27, 2012.
- [T.20] **Sarcevic, A.**, “Improving Team Performance during Pediatric Trauma Resuscitation through Information Technology (IT),” invited talk, *Center for Injury Research and Prevention*, The Children’s Hospital of Philadelphia, Philadelphia, PA, June 19, 2012.
- [T.21] **Sarcevic, A.**, “Improving Team Performance during Pediatric Trauma Resuscitation through Information Technology (IT),” invited talk, *Emergency Medicine Divisional Conference*, The Children’s Hospital of Philadelphia, Philadelphia, PA, April 25, 2012.
- [T.22] **Sarcevic, A.**, “Improving the Care of the Injured Child in Emergency Department through Information Technology (IT),” invited talk, *Healthcare Informatics Colloquium Series*, The Children’s Hospital of Philadelphia, Philadelphia, PA, March 8, 2012.
- [T.23] **Sarcevic, A.**, “Improving the Care in Emergency Department through Information Technology (IT),” invited talk, *Joint Trauma Conference*, Drexel University College of Medicine, Hahnemann University Hospital, Philadelphia, PA, March 7, 2012.
- [T.24] **Sarcevic, A.**, “Improving Team Performance during Trauma Resuscitation through Information Technology (IT),” invited talk, *College of Information Science and Technology*, Drexel University, Philadelphia, PA, March 7, 2011.
- [T.25] **Sarcevic, A.**, “Improving Team Performance during Trauma Resuscitation through Information Technology (IT),” invited talk, *Graduate School of Library and Information Science*, University of Illinois at Urbana-Champaign, Champaign, IL, March 1, 2011.
- [T.26] **Sarcevic, A.**, “Improving Team Performance during Trauma Resuscitation through Information Technology (IT),” invited talk, *Telecommunication, Information Studies and Media*, Michigan State University, East Lansing, MI, February 23, 2011.
- [T.27] **Sarcevic, A.**, “Improving Team Performance during Trauma Resuscitation through Information Technology (IT),” invited talk, *School of Information and Library Science*, University of North Carolina, Chapel Hill, NC, January 31, 2011.
- [T.28] **Sarcevic, A.**, “Improving Team Performance during Trauma Resuscitation through Information Technology (IT),” invited talk, *Johns Hopkins Bloomberg School of Public Health*, Johns Hopkins University, Baltimore, MD, January 12, 2011.
- [T.29] **Sarcevic, A.**, “Information Technology in Trauma Resuscitation,” invited lecture, *Health Informatics Course*, Computer Science Department, University of Colorado at Boulder, CO, February 25, 2011.
- [T.30] **Sarcevic, A.**, “TraumaPen: Supporting Documentation and Situational Awareness through Real-Time Data Capture and Presentation in Safety-Critical Work,” invited talk, *Computer Science Department Colloquium*, University of Colorado at Boulder, CO, November 4, 2010.
- [T.31] **Sarcevic, A.**, “Trauma Resuscitation at Children’s: An Ethnographer’s View,” invited talk, *Trauma Committee Meeting* (talk hosted by Randall S. Burd, MD, PhD), Children’s National Medical Center, Washington, DC, May 5, 2010.
- [T.32] **Sarcevic, A.**, “Understanding Teamwork in Trauma Resuscitation Through an Analysis of Team Errors,” invited talk, *Distributed Cognition and Human-Computer Interaction Laboratory (DCOG-HCI Lab) Meeting* (talk hosted by Dr. James Hollan), University of California at San Diego, CA, October 21, 2009.
- [T.33] **Sarcevic, A.**, “Understanding Teamwork in Trauma Resuscitation Through an Analysis of Team Errors,” invited talk, *Center for Lifelong Learning and Design (L3D) Weekly Meeting* (talk hosted by Dr. Leysia Palen), University of Colorado at Boulder, CO, October 14, 2009.
- [T.34] **Sarcevic, A.**, “Teamwork in Highly Dynamic Scenarios: Insights and Technology Design Implications,” invited talk, *UsabilityNJ Monthly Meeting* (hosted by Siemens Corporate Research, Princeton, NJ), April 23, 2008.

- [T.35] **Sarcevic, A.** and Lesk, M. E., “Human-Information Interaction in Dynamic & Time-Critical Settings: Collaboration in Trauma Centers,” invited talk, *LIS Research Showcase 2007*, SC&I, Rutgers University, New Brunswick, NJ, May 9, 2007.
- [T.36] **Sarcevic, A.**, “Finding Happiness: Interfaces for Searching Emotions in Digital Video,” *Tech Talk at Google Inc.*, New York, NY, July 10, 2006.

TEACHING

Courses Taught

Drexel University

<i>Introduction to Informatics (INFO 105)</i>	F ‘11, ‘12; S ‘12, ‘13
<i>Human-Centered Design Process & Methods (INFO 310)</i>	W ‘12, ‘13, ‘17, ‘18, ‘19, ‘21; F ‘13, ‘14, ‘16, ‘17, ‘18; S ‘14, ‘15, ‘18
<i>Human Computer Interaction (INFO 608)</i>	W ‘16; S ‘16, ‘17
<i>Social and Collaborative Computing (INFO 616)</i>	W ‘14, ‘21, ‘22; F ‘14, ‘20
<i>Prototyping the User Experience (INFO 691)</i>	F ‘21
<i>Foundations in Human-Centered Computing (INFO 823)</i>	W ‘21, ‘22
<i>PhD Process & Practice (INFO 871)</i>	W ‘16; S ‘16; F ‘20, ‘21

University of Colorado, Boulder

PhD Seminar, ATLAS Institute Spring 2011

Rutgers University

Human Information Behavior Spring 2007, Fall 2007, Spring 2008
Principles of Searching Fall 2006

Other Teaching

Introduction to Informatics, Drexel University Computing Academy Summer 2012, 2013, 2014

Independent Studies Supervised

Devin Taylor, BS in Interactive Digital Media, Fall 2021

Study Title: “User-Centered Design Practicum”

Dolma Yangchen Sherpa, BS in Interactive Digital Media, Fall 2020

Study Title: “User-Centered Design Practicum”

Adit Gupta, PhD in Computer Science, Summer 2020

Study Title: “HCI in Healthcare”

Dolma Yangchen Sherpa, BS in Interactive Digital Media, Summer 2020

Study Title: “User-Centered Design Practicum”

Vivienne Ho, BS in Information Systems, Spring 2020

Study Title: “User-Centered Design Practicum”

CCI Information Science PhD Students, Winter 2019

Study Title: Research Talks & Events Seminar

Swathi Jagannath, PhD in Information Studies, Fall 2016

Study Title: “CSCW Seminar”

Samuel Shannon, BS in Computer Science, Independent Study, Summer 2016

Study Title: “Research and Development in HCI”

Leah Kulp, PhD in Information Studies, Independent Study, Summer 2016

Study Title: "Methods and Design for Health"

Zhan Zhang, PhD in Information Studies, Independent Study, Winter 2014

Study Title: "Pre-Hospital Information Use in the ER"

Zhan Zhang, PhD in Information Studies, Independent Study, Fall 2013

Study Title: "Pre-Hospital Information Use in the ER"

Zhan Zhang, PhD in Information Studies, Independent Study, Summer 2013

Study Title: "Healthcare Communication Behaviors"

Nina Multak, PhD in Information Studies, Independent Study, Summer 2013

Study Title: "EMR Use in Emergency Medicine"

Zhan Zhang, PhD in Information Studies, Independent Study, Fall 2012

Study Title: "Handoff Procedures in Teamwork"

Diana Kusunoki, PhD in Information Studies, Independent Study, Fall 2012

Study Title: "Evaluation Instrument Design"

Diana Kusunoki, PhD in Information Studies, Independent Study, Summer 2012

Study Title: "Participatory Evaluation Design"

Diana Kusunoki, PhD in Information Studies, Independent Study, Spring 2012

Study Title: "Participatory Evaluation Design"

Diana Kusunoki, PhD in Information Studies, Independent Study, Winter 2012

Study Title: "Evaluation Instrument Design"

Capstone Projects Supervised

Stefanie Lauria, MSI, HCI/UX Major, Summer/Fall 2022

Lynn Almengor, MSI, HCI/UX Major, Winter/Spring 2022

Adrienne Little, MSI, HCI/UX Major, Summer/Fall 2021

ADVISING

PhD Thesis Committee Chair (Current)

Hua Cui, Information Science, Drexel University, expected graduation 2026

Katherine Zellner, Information Science, Drexel University, expected graduation 2025

Angela Mastrianni, Information Science, Drexel University, expected graduation 2024

PhD Thesis Committee Chair (Graduated)

Swathi Jagannath, Information Science, Drexel University, December 2020, "*Perception, Communication, and Representation of Activity Delays in Dynamic Medical Teamwork*"

Post-graduation position: UX Researcher, Microsoft Research

Leah Kulp, Information Science, Drexel University, May 2020, "*Towards an Adaptive, Context-aware Checklist for Concurrent Use in Dynamic Medical Settings*"

Post-graduation position: UX Researcher, Redfin

Zhan Zhang, Information Studies, Drexel University, November 2016, "*Supporting Information Sharing in Emergency Medical Settings: A Study of the Pre-Hospital Information Space*"

Post-graduation position: Assistant Professor, Seidenberg School of Computer Science and Information Systems, Pace University, New York, NY

Diana S. Kusunoki, Information Studies, Drexel University, May 2015, *“Developing Information Displays to Support Awareness in Ad Hoc, Interdisciplinary Emergency Medical Teamwork”*
Post-graduation position: Product Experience Strategist and Co-Founder, Fulcra Dynamics, New York, NY

Nina Multak, Information Studies, Drexel University, May 2016, co-chaired with Michelle Rogers, *“Information Gathering, Decision Making Skills and Clinical Documentation Technology as Mediators of Clinical Performance in the Physician Assistant Population”*
Post-graduation position: Associate Dean and Randolph B. Mahoney Director of the University of Florida School of Physician Assistant Studies

PhD Thesis Committee Member (Current)

Diva Smriti, Information Science, Drexel University
Gabrielle Salib, Information Science, Drexel University

PhD Thesis Committee Member (Graduated)

Houda El Mimouni, Information Science, Drexel University, Winter 2021, *“An Exploration of Privacy Experts’ and Non-Experts’ Privacy Conceptualizations and Practices Using the Concept of Habitus”*

Jalal Abdulbaqi, Electrical and Computer Engineering, Rutgers University, Spring 2020, *“Speech-based Activity Recognition for Medical Teamwork”*

Nora McDonald, Information Science, Drexel University, Summer 2019, *“How Internet Service Providers Conceptualize Users and the Implications for Privacy”*

Nazanin Andalibi, Information Studies, Drexel University, Spring 2018, *“Self-Disclosure and Response Behaviors in Socially Stigmatized Contexts on Social Media”*

Joanne White, Technology, Media and Society, University of Colorado, Boulder, Spring 2015, *“Information Management and Animal Welfare in Emergency Response”*

Michael Zarro, Information Studies, Drexel University, Fall 2014, *“A Conceptual Model of Online Information Behavior in the Chronic Disease Trajectory”*

Undergraduate Research Advising

Channacy Un (STAR Scholar), Computer Science, Drexel University, Summer 2022

Vidhi Shah (STAR Scholar), User Experience and Interaction Design, Drexel University, Summer 2022

Alisha Augustin, Computer Engineering, Drexel University, Spring 2022 – present

Amir Kaidarov, Software Engineering, Drexel University, Spring 2022

Devin Taylor, Interactive Digital Media (Pennoni Honors College Undergraduate Research Mini-Grants), Drexel University, Fall 2021 – Spring 2022

Ryan Dixon (Research Co-Op), Computer Science, Drexel University, Fall 2021 – Spring 2022

Anna Leong, Interactive Digital Media, Drexel University, Spring 2021 – Spring 2022

Subhi Karthikeyan, Biological Sciences, Drexel University, Winter 2021 – Winter 2022

Caraline Young, Chemistry, Drexel University, Winter 2021 – Winter 2022

Sandra Godshall, Biological Sciences, Drexel University, Winter 2021 – Summer 2021

Akshay Vaswani (Research Co-Op), Software Engineering, Drexel University, Spring/Summer 2021

Dolma Sherpa, Interactive Digital Media, Drexel University, Winter 2019 – Winter 2021

Manna Haile (STAR Scholar), Biomedical Engineering, Drexel University, Summer 2020

Vivienne Ho, Information Systems, Drexel University, Spring 2020

Tuan Phan Nguyen, Computer Science, Drexel University, Fall 2018 – Spring 2019

Duy Hoang, Software Engineering, Drexel University, Spring 2018 – Spring 2019

Neha Kamireddi (STAR Scholar), Biomedical Engineering, Drexel University, Summer 2018 – Winter 2020
Victoria Young (STAR Scholar), Computer Science, Drexel University, Summer 2018
Jacob Williamson (STAR Scholar), Computer Science, Drexel University, Summer 2018
Keegan Cannon (Research Co-Op), Information Technology, Drexel University, Spring 2017 – Spring 2018
Evelyn Caffo, Psychology, Drexel University, Spring/Summer 2017
Alyssa Klein (Research Co-Op), Biological Design, Drexel University, Spring/Summer 2017
Dung Mai, Computer Science, Drexel University, Fall 2016 – Spring 2017
Yashwanth Dahanayake, Computer Science, Drexel University, Summer 2016
Samuel Shannon, Computer Science, Drexel University, Summer 2016
Brett Rosen (Research Co-Op), Software Engineering, Drexel University, Spring 2015 – Summer 2016
Erika Peratoner, Biological Sciences, Drexel University, Spring 2015 – Winter 2016
Hanya Moharram (Research Co-Op), Product Design, College of Media Arts and Design, Drexel University, Spring 2015 – Fall 2015
Kelly Shipotski, Computer Science, Drexel University, Spring/Summer 2015
Nicole Ferraro (Research Co-Op), Biomedical Engineering, Drexel University, Spring/Summer 2014
Maria Yala, Computer Science, Drexel University, Spring/Summer 2013

Master Student Research Advising

Lynn Almengor, Master of Science in Information (MSI), Drexel University, Winter 2021 - present
Antigone Bellanich, Master of Science in Information (MSI), Drexel University, Spring 2021 – Spring 2022
Danielle Kot, Master of Science in Information Systems (MSIS), Drexel University, Fall 2019 – Spring 2020
Yewen (Yve) Tang, Master of Science in Information Systems (MSIS), Drexel University, Fall 2017 – Fall 2018
Renee Dutta, Master of Library and Information Science (MLIS), Rutgers University, 2008-2009
Project Title: Information needs and information-seeking behavior in developing countries
Project outcome: Dutta, R., “Information needs and information-seeking behaviors in developing countries: A review of the research,” *The International Information & Library Review*, vol. 41, no. 1, 2009, 44-51.

Medical Student Research Advising

Jordan Eutsey, Drexel University College of Medicine, Spring 2022 - present
Maya Amy, Drexel University College of Medicine, Spring 2022 - present
James Haasis, Drexel University College of Medicine, Spring 2022 - present
Un Bi (Diana) Kim, Drexel University College of Medicine, Winter 2022 - present
Maja Barnouw, Drexel University College of Medicine, Winter 2022 - present
Megan Krentsa, Drexel University College of Medicine (Scholars Program Track: Medical Education), Winter 2022 - present
Charles Neff, Drexel University College of Medicine (Medical Student Summer Research Fellowship), Summer 2021 – Spring 2022
Louis Jiorgio Carana Villegas, Drexel University College of Medicine, Summer 2021 – Spring 2022
Caraline Young, Drexel University College of Medicine, Spring 2021 – Spring 2022
Sarah Waszyn, Drexel University College of Medicine, Summer 2021 – Winter 2022
Alex Lee, Drexel University College of Medicine (Medical Student Summer Research Fellowship), Winter 2021 – Fall 2021
Amanda Horowitz, Drexel University College of Medicine, Winter 2021 – Spring 2021

Matthew Coates, Drexel University College of Medicine, Winter 2021 – Summer 2021
Nicholas Chu, Drexel University College of Medicine (Medical Student Summer Research Fellowship),
Summer 2020
Lauren Chung, Drexel University College of Medicine (Medical Student Summer Research Fellowship),
Summer 2020
Emily Mapelli, Drexel University College of Medicine, Summer 2019 – Summer 2020
Desiree Pinto, Drexel University College of Medicine, Summer 2019 – Spring 2020
Hayden Schenker, Drexel University College of Medicine, Summer 2019 – Spring 2020
Anisha Reddy, Drexel University College of Medicine, Summer 2019 – Winter 2020
Divya Balchander, Drexel University College of Medicine, Summer 2019
Samantha Hoegle, Drexel University College of Medicine, Summer 2019
Caroline Tipton, Drexel University College of Medicine, Summer 2019

MENTORING HIGHLIGHTS

Angela Mastrianni, UX Internship at Chan Zuckerberg Initiative (CZI), Summer 2022
Katie Zellner, recipient of the 2022 Drexel University Graduate College Outstanding Mentorship Award
Angela Mastrianni, recipient of the 2022 CCI College Award for PhD Research Excellence
Katie Zellner, recipient of the Provost’s Award for Best In-Person Oral Research Presentation at the Drexel Emerging Graduate Scholars (DEGS 2022) Conference for the poster “A human centered design approach to prototyping an alerting system for supporting delay awareness in emergency medical settings”
Angela Mastrianni, recipient of the 2021 Drexel University Graduate College Outstanding Mentorship Award
Angela Mastrianni, recipient of the 2021 NSF Graduate Research Fellowship (GRF)
Swathi Jagannath, UX Internship at ServiceNow, Summer 2020
Leah Kulp, CCI finalist for the 2020 Drexel University Graduate College Outstanding Mentorship Award
Swathi Jagannath, 2020 Information Science Department Student Award for Distinguished Service Leadership
Angela Mastrianni, recipient of the Dean’s Award for Best Research Poster Presentation at the Drexel Emerging Graduate Scholars (DEGS 2020) Conference for the poster “Understanding the effects of teamwork on digital checklist use”
Swathi Jagannath, recipient of the 2020 CCI College Award for PhD Research Excellence
Swathi Jagannath, Internship at Microsoft Research in Cambridge UK, Human Experience & Design Group, Summer 2019
Leah Kulp, UX Internship at Google, Summer 2019
Leah Kulp, UX Internship at Facebook, Fall 2018
Zhan Zhang, selected for participation in the 2016 Conference on Computer Supported Cooperative Work and Social Computing (CSCW) Doctoral Consortium
Zhan Zhang, selected for participation in the 2015 Consortium for the Science of Sociotechnical Systems (CSST) Summer Research Institute
Diana Kusunoki, recipient of the Best Paper Honorable Mention at the 2015 ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW) for the paper “Designing for temporal awareness: The role of temporality in time-critical medical teamwork”
Zhan Zhang, selected for participation in the 2015 iConference Doctoral Consortium

Zhan Zhang, selected for participation in the AMIA 2014 Doctoral Consortium

Diana Kusunoki, selected for participation in the 2014 iConference Doctoral Consortium

Diana Kusunoki, selected for participation in the 2014 Conference on Computer Supported Cooperative Work and Social Computing (CSCW) Doctoral Consortium

Diana Kusunoki, selected for participation in the AMIA 2013 Doctoral Consortium

Diana Kusunoki, selected for participation in the 2012 Consortium for the Science of Sociotechnical Systems (CSST) Summer Research Institute

Diana Kusunoki, recipient of the Dean's Award in the Humanities & Social Sciences Category at the Drexel University Research Day 2012 for the poster "More monitors? Supporting situation awareness in the emergency room"

ACADEMIC AWARDS, HONORS, AND SCHOLARSHIPS

CCI College Award for Faculty Leadership, Drexel University, May 2022

International Travel Award to attend ACM CHI 2019, Office of Global Engagement and Education Abroad at Drexel University

Best Paper Honorable Mention Award, ACM Conference on Computer Supported Cooperative Work (CSCW) 2015

Distinguished Paper Award, American Medical Informatics Association (AMIA) Annual Symposium 2010

Summer Institute for the Consortium for the Science of Socio-Technical Systems (CSST), June 2010

Workshop on Interactive Systems in Healthcare (WISH) 2010 Mentoring Program

Best Paper Nomination, ACM Conference on Computer Supported Cooperative Work (CSCW) 2008

Distinguished Achievement as a Teaching Assistant, awarded on December 5, 2007 by the Department of Library and Information Science, School of Communication & Information, Rutgers University

ACM Conference on Supporting Group Work (GROUP) 2007 Doctoral Consortium travel & support grant

Graduate Student Fellowship, Battelle Memorial Institute, Pacific Northwest National Laboratory, U. S. Department of Energy, May 2004

School of Communication & Information Alumni Association Scholarship, Rutgers University, May 2004

LIS Endowment Fund Scholarship, Rutgers University, May 2004

School of Communication & Information LIS Scholarship, Rutgers University, December 2003

PROFESSIONAL LEADERSHIP & SERVICE

Grant Proposal Review Panels

Scientific Reviewer, DoD, US Army Medical Research and Material Command (MRMC), since 2017

NSF Panel Member, Directorate for Computer & Information Science & Engineering (CISE), since 2010

Conference Program Committees

Papers Co-Chair (with Siân Lindley, MSR and Shaowen Bardzell, Penn State University) ACM Conference on Computer Supported Cooperative Work (CSCW) 2021 (work spanned May 2020 – April 2022)

Sub-Committee Co-Chair (SC) (with Yang Li, Google) for the "Understanding People" subcommittee, ACM Conference on Human Factors in Computing Systems (CHI) 2020

Papers Co-Chair (with Nicholas Weber, University of Washington), iConference 2019

Associate Chair, “Interaction Beyond the Individual” subcommittee, ACM Conference on Human Factors in Computing Systems (CHI) 2018

Associate Chair, European Conference on Computer Supported Cooperative Work (ECSCW) 2018

Associate Chair, EAI International Conference on Pervasive Computing Technologies for Healthcare (PervasiveHealth) 2019; 2018

Best Papers Committee, ACM Conference on Computer Supported Cooperative Work (CSCW) 2015, 2013

Associate Chair, ACM Conference on Computer Supported Cooperative Work (CSCW) 2016, 2015, 2014, 2013

Associate Chair, ACM Conference on Designing Interactive Systems (DIS) 2014

Associate Chair, ACM Conference on Supporting Group Work (GROUP) 2016, 2014

Associate Chair, ACM CHI 2014 Workshop “HCI Research in Healthcare: Using Theory from Evidence to Practice”

Associate Chair, American Medical Informatics Association (AMIA) Annual Symposium 2013

Associate Chair, “Specific Application Areas” Subcommittee, ACM Conference on Human Factors in Computing Systems (CHI) 2012

Associate Chair, Case Studies, Health Featured Community, ACM Conference on Human Factors in Computing Systems (CHI) 2011

Associate Chair, Works in Progress (WiP) Committee, ACM Conference on Human Factors in Computing Systems (CHI) 2010

Conference Committee Work

General Conference Co-Chair (with Claudia Muller and Gunnar Stevens, University of Siegen, Germany), European Conference on Computer Supported Cooperative Work (ECSCW) 2020

Student Reviewer Mentoring Co-Chair (with Myriam Lewkowicz, Université de Technologie de Troyes), ACM Conference on Computer Supported Cooperative Work (CSCW) 2019

Doctoral Consortium Co-Chair (with Kate Starbird, University of Washington), ACM Conference on Computer Supported Cooperative Work (CSCW) 2018

Session Chair, European Conference on Computer Supported Cooperative Work (ECSCW) 2017

Exploratory Papers Co-Chair (with Myriam Lewkowicz, Université de Technologie de Troyes), European Conference on Computer Supported Cooperative Work (ECSCW) 2017

General Conference Co-Chair (with Stephan Lukosch, Delft University of Technology), ACM Conference on Supporting Group Work (GROUP) 2016

Session Chair, ACM Conference on Supporting Group Work (GROUP) 2014

Workshops Co-Chair (with Jude Yew, National University of Singapore), iConference 2015

Doctoral Consortium Co-Chair (with Madhu Reddy, The Pennsylvania State University), American Medical Informatics Association (AMIA) Annual Symposium 2014

Interactive Posters Co-Chair (with Karyn Moffatt, McGill University), ACM Conference on Computer Supported Cooperative Work (CSCW) 2015

Posters and Demos Co-Chair (with Michael Prilla, Ruhr Universität, Bochum), ACM Conference on Supporting Group Work (GROUP) 2014

Session Chair, ACM Conference on Computer Supported Cooperative Work (CSCW) 2016, 2015, 2014, 2013

Program Committee Meeting Local Arrangements Co-Chair (with Andrea Forte, Drexel University), ACM Conference on Computer Supported Cooperative Work (CSCW) 2014

Doctoral Consortium Co-Chair (with Madhu Reddy, The Pennsylvania State University), American Medical Informatics Association (AMIA) Annual Symposium 2013

Session Chair, American Medical Informatics Association (AMIA) Annual Symposium 2013

Doctoral Consortium Co-Chair (with Parisa Eslambolchilar, Swansea University), Int’l Conference on Pervasive Computing Technologies for Healthcare (Pervasive Health) 2013

Session Chair, Int'l Conference on Pervasive Computing Technologies for Healthcare (Pervasive Health) 2013
Publications Co-Chair (with Bryan Seeman, University of Hawaii), ACM Conference on Computer Supported Cooperative Work (CSCW) 2013
Doctoral Consortium Co-Chair (with Dan Cosley, Cornell University), ACM Conference on Supporting Group Work (GROUP) 2012
Final Program Chair, ACM Conference on Computer Supported Cooperative Work (CSCW) 2010

Steering Committee Work

Drexel University Representative, HCIC Governing Board, since September 2021
Chair, ACM Conference on Supporting Group Work (GROUP), since January 2020
Member, European Society for Socially Embedded Technologies (EUSSET), since 2019
Member, ACM Conference on Supporting Group Work (GROUP), 2016-2019

Conference Review

ACM UbiComp: Int'l Joint Conference on Pervasive and Ubiquitous Computing (since 2014)
Pervasive Health: Int'l Conference on Pervasive Computing Technologies for Healthcare (since 2012)
ACM UIST: Symposium on User Interface Software and Technology (since 2010)
AMIA: American Medical Informatics Association Annual Symposium (since 2010)
ISCRAM: Int'l Conference on Information Systems for Crisis Response and Management (since 2010)
ACM CSCW: International Conference on Computer Supported Cooperative Work (since 2010)
ACM GROUP: International Conference on Supporting Group Work (since 2010)
ACM CHI: International Conference on Human Factors in Computing Systems (since 2007)
HICSS: Hawaiian International Conference on System Sciences (2005)

Journal Review

Editorial Boards

Editorial Board Member, Proceedings of the ACM on Human Computer Interaction (PACM HCI), since 2020
Associate Editor, Computer Supported Cooperative Work (CSCW): The Journal of Collaborative Computing and Work Practices, since 2016
Associate Editor, Scandinavian Journal of Information Systems, SI on Healthcare Information Infrastructures, 2013

Journals

JCSCW: Computer Supported Cooperative Work (since 2014)
IJHCS: International Journal of Human-Computer Studies (since 2013)
TOCHI: ACM Transactions on Computer-Human Interaction (since 2013)
IJMI: International Journal of Medical Informatics (since 2010)
JASIST: Journal of the American Society for Information Science and Technology (since 2010)

Book Review

Editorial Boards

"Pervasive Health: State-of-the-Art and Beyond," Springer, Human-Computer Interaction Series, 2013-2014

Current Professional Associations

Member of the European Society for Socially Embedded Technologies (EUSSET)

Member of the Association for Computing Machinery (ACM)
Member of the ACM's Special Interest Group on Human-Computer Interaction (SIGCHI)
Member of the American Medical Informatics Association (AMIA)

COLLEGE / UNIVERSITY LEADERSHIP & SERVICE

Chair, MSI-HCI/UX Working Group, Drexel University (2022-2023)
Member, HCI/UX Stackable Certificates Task Force, Drexel University (2022-2023)
Chair, Tenure & Promotion Committee, Information Science Department, Drexel University (2022-2023)
Member, CCI Strategic Planning Committee for 2023-2028, College of Computing and Informatics, Drexel University (2022-2023)
Member, Senate Committee on Research, Scholarship and Creative Activity – SCRSCA, Drexel University (2021-ongoing)
Member, College Research Committee, College of Computing and Informatics, Drexel University (2021-2022)
Chair, TT Faculty Search Committee, Information Science Department, Drexel University (2021-2022)
Member, MSI-HCI/UX Working Group, Information Science Department, Drexel University (2021-2022)
Member, Dean Review Committee, Drexel University (2021-2022)
Member, College Research Committee, College of Computing and Informatics, Drexel University (2020-2021)
Member, MSI-HCI/UX Working Group, Information Science Department, Drexel University (2020-2021)
Member, TT Faculty Search Committee, Information Science Department Chair, Drexel University (2020-2021)
Member, PhD Operations Committee, Information Science Department, Drexel University (2020-2021)
Director, PhD Program in Information Science, Information Science Department, Drexel University (2018-2019)
Member, Blue and Gold Scholarship Committee, Graduate College, Drexel University (2018-2019)
Chair, PhD Operations Committee, Information Science Department, Drexel University (2018-2019)
Member, TT Faculty Search Committee, Information Science Department Chair, Drexel University (2018-2019)
Member, Graduate Curriculum Committee, Information Science Department, Drexel University (2018-2019)
Member, Tenure & Promotion Committee, Information Science Department, Drexel University (2017-2018)
Member, PhD Operations Committee, Information Science Department, Drexel University (2017-2018)
Member, MS Health Informatics Task Force, Information Science Department, Drexel University (2017-2018)
Chair, CCI Speakers Series Committee, College of Computing and Informatics, Drexel University (2017-2018)
Member, Broadening Participation in Computing Committee, College of Computing and Informatics, Drexel University (Spring 2017)
Member, MS Information Systems Task Force, Information Science Department, Drexel University (2016-2017)
Member, Ad Hoc HCC Curriculum Committee, Information Science Department, Drexel University (2016)
Member, PhD Operations Committee, Information Science Department, Drexel University (2015-2016)
Member, Search Committee, Information Science Department Chair, Drexel University (2014-2015)
Member, Health & Wellness Informatics Working Group, Health Sciences Task Force, Drexel University (2013-2014; 2014-2015)
Member, PhD Information Studies Review and Revision Committee, Drexel University (2013-2014; 2014-2015)
Member, Strategic Futures Committee, Drexel University (2012-2013; 2014-2015)
Member, “Lost in Space” Committee, Drexel University (a.k.a. Visioning Committee for Computing and Informatics Building) (2013-2014)

Judge, Drexel University Research Day (2012, 2013, 2014, 2015)

Member, Ad Hoc Committee on the Undergraduate Curriculum, Drexel University (2011-2012)

Pre-Submission Reviewer, NSF Graduate Research Fellowship Program (GRFP) applications, Drexel University (annually since 2012)

Drexel University Representative, National Center for Women & Information Technology (NCWIT) (since 2012)

Member, Dean Search Committee, School of Communication & Information, Rutgers University (2007-2008)