Jacek Gwizdka

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EDUCATION

2004 **Doctor of Philosophy**
Department of Mechanical and Industrial Engineering, University of Toronto, Canada
Research Area: **Human-Computer Interaction / Human Factors**
Advisor: Professor Mark H. Chignell
Dissertation title: "Cognitive Abilities, Interfaces & Tasks: Effects on Prospective Information Handling in Email"

1998 **Master of Applied Science**
Department of Mechanical and Industrial Engineering, University of Toronto, Canada
Research Area: **Information Systems**
Advisor: Professor Mark Fox

1988 Pursued Master's degree in Computer Science (emigrated to Germany after completing 4th year)
Dept. of Applied Physics & Mathematics, Łódź University of Technology & University of Warszawa, Poland

1985 **Master of Science* (mgr. inż.) in Electrical Engineering with distinction (Summa cum laude)**
Department of Electrical Engineering, Łódź University of Technology (TUL), Poland
**Note*: In the Polish university system (as in many other European countries) one used to receive an equivalent of a master's degree after five years of study, with no bachelor's degree granted.

EMPLOYMENT

01.2013 -present **School of Information, The University of Texas at Austin, TX, USA**
09.2019-present Tenured Associate Professor
01.2015-present Information eXperience (IX) Lab Director https://ixlab.us
01.2015-08.2019 Assistant Professor
01.2013-01.2015 Lecturer

10.2024 -present **Institute of Applied Computer Science, Łódź University of Technology (TUL), Poland**
Visiting Scholar

09.2005 -12.2012 **Department of Library and Information Science, Rutgers University, NJ, USA**
Assistant Professor

09.2004 -05.2005 **Faculty of Information Studies, University of Toronto, Canada**
Adjunct Lecturer

01.2004 -08.2005 **Department of Psychology, University of Toronto, Canada**
Postdoctoral Research Fellow

09.2000 -12.2003 **University of Toronto, Canada**
Research Assistant, Computer Scientist, Web Designer and Developer

1997 -2000 **Xerox PARC; Hewlett Packard Labs & FXPAL, Palo Alto, CA, USA**
Summer Research Internships

01.1999 -12.1999 **Personification Inc., Toronto, Canada**
Knowledge Engineer and Software Designer

01.1995 -01.1998 **Enterprise Integration Laboratory, University of Toronto, Canada**
Research Assistant

01.1986 -01.1995 **Canada, Germany and Poland**
Contract and staff programming positions, various employers. Systems and Applications Software Engineer.

GRANTS RECEIVED

Total: ~$2.6M. Of that from external sources of ~$2.2M. Of that ~$670,000 at UT Austin.

External funding sources

2020-2022 Consumer Longitudinal Health Information Needs and Search Behavior. ($55,314). *Co-PI* with Yan Zhang (*PI*) Google Faculty Research Award

2017-2020 Eye-Tracking for Adaptive User Interfaces. ($150,000). *PI*. Lockheed Martin Corporation.

2016-2017 Relevance Mining and Detection System. ($100,000; $67,000 under my supervision). *PI*. (Matt Lease & Luis Revilla, *Co-PIs*). Fundação para a Ciência e a Tecnologia (FCT – Portuguese Science and Technology Foundation: Portugal NSF) and the Digital Media Program, UT Austin.

2015-2016 Understanding Consumers' Quality Evaluation of Online Health Information Using a Mixed-Method Approach. ($44,444). *Co-PI* with Yan Zhang. Portuguese Science and Technology Foundation and the Digital Media Program, UT Austin.

2014-2016 Child-friendly search engine results pages: Towards better understanding of Google search results readability by children. ($41,363). *Co-PI* with Dania Bilal (*PI*) Google Faculty Research Award

2013-2014 Personalized Complex Data Exploration. ($50,000). *PI*. Lockheed Martin Corporation.

2011-2016 Continuous Assessment of Cognitive Load in Information Seeking ($334,641). Institute of Museum & Library Services (IMLS) CAREER Development Award. ($213,163 at UT) (8.3% success rate; 2 awards in 2011).

2011 Implicit Detection of Relevance Decisions & Affect in Web Search ($71,579). Google Faculty Research Award

2008-2010 Personalization of the digital library experience ($964,887; total budget $1.5M). *Co-PI*, with Nick Belkin (*PI*) & Xiangmin Zhang (*Co-PI*). Institute of Museum and Library Services (IMLS).

2008-2010 Mobile iThinking – Mobile tablet computers for active learning ($83,720). *PI* with Dr. Claire McInerney (*Co-PI*).2008 Hewlett Packard Teaching Grant.

2005-2006 Improving user navigation of large e-commerce web sites ($74,374). *Co-PI*. Communications and Information Technology Ontario (CITO, a division of Ontario Centres of Excellence - OCE) and Bell Canada.

Internal funding sources

2026-2027 Modeling Attentional States and Cognitive Load During Reading Using Eye-Movement and Pupillary Dynamics. ($25,074). *PI*. John P. Commons Fellowship, iSchool, UT Austin.

2025-2026 RIPA. Real-time measurement of cognitive load using eye-tracking and pupillometry. ($20,721). *PI*. Temple & John P. Commons Fellowship, iSchool, UT Austin.

2024-2025 AI for Information Seeking: Human-centered exploration of how LLMs can augment human information-seeking behaviors (AI4IS). ($12,910). *PI*. John P. Commons Teaching Fellowship, iSchool, UT Austin.

2023-2024 genAI4IS. ($1,000). UT Austin VPR Special Research Grant.

2022-2023 Neuro-physiological correlates of information relevance as indicators of the depth of relevance assessment (DoRA). ($20,183). *PI*. Temple Fellowship, iSchool, UT Austin.

2021-2022 Designing Human-AI Partnerships for Information Search and Evaluation: An eye-tracking lab study. ($800). UT Austin VPR Special Research Grant.

2020-2021 Designing Human-AI Partnerships for Information Search & Evaluation. ($39,840). *PI*. with Matt Lease (Co-PI), UT Austin.

2020 Health Information Search Behavior as a Manifestation of Cognitive Impairment: An Eye-Tracking Study. ($99,880). *Co-PI*. with Maya Henry and Kavita Radhakrishnan, UT Austin.

2019-2020 Designing Human-AI Partnerships for Information Search & Evaluation. ($100,000). *Co-PI*. with Matt Lease (PI) and Natalia Stroud (Co-PI), UT Austin.

2018-2019 Real-time Eye-tracking Data Processing and Its Applications. ($16,000). *PI*. Fellowship, iSchool, UT Austin.

2015-2017 Detecting Periods of Mindless Information Seeking (DeMIS). ($25,700). *PI*. Fellowships, iSchool, UT Austin.

2014-2015 Learning about Search as Learning (LaSaL). ($10,857). *PI*. Fellowship, iSchool, UT Austin.

2010-2011 Using low-cost sensors to infer cognitive states on information tasks ($1,000). *PI*. Rutgers Research Council.

2009-2010 Promoting sensemaking of user-constructed tag spaces on the web ($1,500). *PI*. Rutgers Research Council.

2008 Implicit identification of user states & information task characteristics ($2,450). *PI*. G2GG, Rutgers University.

2007-2008 Building predictive models of cognitive characteristics of users engaged in interactive search tasks ($2,300). *PI*. Rutgers Research Council.

2007 Examination of the relationships between individual differences, and subjective and objective measures of information search task difficulty ($1,472). *PI*. G2GG, SCILS, Rutgers University.

2006-2007 Examination of the relationships between individual differences, and subjective and objective measures of information search task difficulty ($2,300). *PI*. Rutgers Research

PUBLICATIONS

Citation metrics: **Google-Scholar citations: 6767 h-index: 44 (since 2021: h: 27) | Scopus: 3343 h-index: 31** (as of 11.08.2026)

In Progress

Pr05. Shukla, S., Torres, J., Murhekar, A., Liu, C., Mishra, A., **Gwizdka**, J., & Roychowdhury, S. (in review). A Survey on Bridging EEG Signals and Generative AI: From Image and Text to Beyond. Submited to *Neural Networks*.

Pr04 Jayawardena, G., Jayawardena, Y., Ayala, N. & **Gwizdka**, J. (in preparation). Visual Attention and Cognitive Load in Challenging Simulated Flight Landings.

Pr03 Ayala, N., Jayawardena, G. & **Gwizdka**, J., Cao, S., M. Barnett-Cowan, M. (in preparation). Dual-Task Demands and Attention in Simulated Flight Landings.

Pr02 Houjiang Liu, Li Shi, Yian Wong, Utkarsh Mujumdar, Dan Zhang, Jacek **Gwizdka** & Matthew Lease. (in review). Reducing Confirmation Bias on Controversial Issues through LLM-Generated Multi-Persona Debates. *Information Processing & Management*.

Pr01 William Jones, Jacek **Gwizdka**, Maja Krtalić, Annie T. Chen & Jesse Dinneen (Eds.). (in review). *Better with age? How our knowledge, information and supporting technologies can help us to thrive*. Cambridge Press.

Edited books, conference & workshop proceedings

EB03 **Gwizdka**, J., & Rieh, S. Y. (Eds.). (2023). CHIIR '23: Proceedings of the 2023 conference on human information interaction and retrieval. Association for Computing Machinery.

EB02 **Gwizdka, J.**, Hansen, P., Hauff, C., He, J., Kando, N. (Eds.). (2016). *CEUR Workshop Proceedings: 1647. Proceedings of the Second International Workshop on Search as Learning co-located with SIGIR 2016*. Pisa, Italy, July 21st, 2016. Aachen, Germany: CEUR. Available at: http://CEUR-WS.org/Vol-1647 URN: urn:nbn:de:0074-1647-8 ISSN: 1613-0073

EB01 Belkin, N.J., Bierig, R., Buscher, G., van Elst, L., **Gwizdka, J.**, Jose, J., & Teevan, J. (Eds.). (2009). *CEUR Workshop Proceedings: 512. Proceedings of the SIGIR'2009 Workshop on Understanding the User: Logging & interpreting user interactions in information search and retrieval*. Aachen, Germany: CEUR. http://CEUR-WS.org/Vol-512 URN: urn:nbn:de:0074-512-7 ISSN: 1613-0073

Invited book chapters (peer reviewed)

CB04 Aliannejadi, M., **Gwizdka**, J., & Zamani, H. (2025). Interactions with Generative Information Retrieval Systems. In R. W. White & C. Shah (Eds.), Information Access in the Era of Generative AI (pp. 47–71). Springer Nature Switzerland. https://doi.org/10.1007/978-3-031-73147-1_3 Pre-print version: (arXiv:2407.11605). arXiv. http://arxiv.org/abs/2407.11605

CB03 **Gwizdka**, **J.**, & Dillon A. (2020). Eye-Tracking as a Method for Enhancing Research on Information Search. In W. T. Fu & H. van Oostendorp (Eds.), Understanding and Improving Information Search: A Cognitive Approach (pp. 161–181). Cham: Springer International Publishing. doi: 10.1007/978-3-030-38825-6

CB02 **Gwizdka**, **J.**, & Chignell, M.H. (2007). Individual differences. In W. Jones and J. Teevan (Eds.), *Personal information management* (pp. 206-220). Seattle, WA: University of Washington Press.

CB01 Whittaker, S., Bellotti, V., & **Gwizdka, J**. (2007). Everything through email. In W. Jones and J. Teevan (Eds.), *Personal information management* (pp. 167-189). Seattle, WA: University of Washington Press.

Journal publications (peer reviewed)

J29 Jayawardena, G., Jayawardana, Y., & **Gwizdka**, J. (2025). Measuring Mental Effort in Real Time Using Pupillometry. Journal of Eye Movement Research, *Journal of Eye Movement Research*, 18(6), 70. https://doi.org/10.3390/jemr18060070

J28 Liu, H., **Gwizdka**, J., Lease, M. (2025). Exploring Multidimensional Checkworthiness: Designing AI-assisted Claim Prioritization for Human Fact-checkers. Proc. ACM Hum.-Comput. Interact., 9(7), CSCW292:1-CSCW292:49. https://doi.org/10.1145/3757473

J27 Bautista, J. R., Zhang, Y., **Gwizdka**, J., & Chang, Y.-S. (2023). Consumers' longitudinal health information needs and seeking: a scoping review. *Health Promotion International*, 38(4), daad066. https://doi.org/10.1093/heapro/daad066

J26 Bautista, J. R., Zhang, Y., & **Gwizdka**, J. (2023). Correcting vaccine misinformation on social media: Effect of social correction methods on vaccine skeptics' intention to take COVID-19 vaccine. *New Media & Society*, 14614448231169696. https://doi.org/10.1177/14614448231169697

J25 Bautista, J. R., Zhang, Y., & **Gwizdka**, J. (2022). Predicting healthcare professionals' intention to correct health misinformation on social media. *Telematics & Informatics*. Elsevier. https://doi.org/10.1016/j.tele.2022.101864

J24 Seaborn, K., Henderson, K., **Gwizdka**, J., & Chignell, M. (2022). A meta-review of psychological resilience during COVID-19. *Nature Npj Mental Health Research*, 1(1), 1–9. Springer Nature https://doi.org/10.1038/s44184-022-00005-8

J23 Rubin, M., Bhattacharya, N., **Gwizdka**, J., Griffin, Z., & Telch, M. (2021). The influence of PTSD symptoms on selective visual attention while reading. *Cognition and Emotion*, 0(0), 1–8. https://doi.org/10.1080/02699931.2021.2016639

J22 Bautista, J. R., Zhang, Y, & **Gwizdka**, J. (2021). US Physicians' and Nurses' Motivations, Barriers, and Recommendations for Correcting Health Misinformation on Social Media: Qualitative Interview Study. JMIR Public Health and Surveillance, 7(9), e27715. https://doi.org/10.2196/27715

J21 Seaborn, K., Chignell, M., & **Gwizdka**, J. (2021). Psychological resilience during COVID-19: A meta-review protocol.

BMJ Open, 11(6), e051417. https://doi.org/10.1136/bmjopen-2021-051417

J20 Bautista, J. R., Zhang, Y, & **Gwizdka**, J. (2021). Healthcare professionals' acts of correcting health misinformation on social media. *International Journal of Medical Informatics*. https://doi.org/10.1016/j.ijmedinf.2021.104375

J19 Chang, Y.-S., Zhang, Y., & **Gwizdka**, J. (2020). The effects of Information Source and eHealth Literacy on Consumer Health Information Credibility Evaluation Behavior. *Computers in Human Behavior*. 115, 106629. https://doi.org/10.1016/j.chb.2020.106629

J18 **Gwizdka**, J., Zhang, Y., & Dillon, A. (2019). Using the eye-tracking method to study consumer online health information search behaviour. *Aslib Journal of Information Management*. pp. 16. doi:10.1108/AJIM-02-2019-0050

J17 Sun, Y., Zhang, Y., **Gwizdka**, J., & Trace, C. B. (2019). Consumer Evaluation of the Quality of Online Health Information: Systematic Literature Review of Relevant Criteria and Indicators. *Journal of Medical Internet Research*, 21(5), e12522. https://doi.org/10.2196/12522

J16 Bilal, D., & **Gwizdka**, J. (2018). Children's query types and reformulations in Google search. *Information Processing & Management,* 54(6), 1022–1041. doi:10.1016/j.ipm.2018.06.008 (2017 JCR impact factor: 3.444; acceptance rate ~10%)

J15 **Gwizdka**, J., Hosseini, R., Cole, M., & Wang, S. (2017). Temporal dynamics of eye-tracking and EEG during reading and relevance decisions. *Journal of the Association for Information Science and Technology*, 68(10), 2299–2312. doi:10.1002/asi.23904 (2017 JCR impact factor: 2.835)

J14 Smith, C. L., **Gwizdka**, J., & Feild, H. (2017). The use of query auto-completion over the course of search sessions with multifaceted information needs. *Information Processing & Management*, 53(5), 1139–1155. doi:10.1016/j.ipm.2017.05.001 (2017 JCR impact factor: 3.444; acceptance rate ~10%)

J13 Wang, S., **Gwizdka**, J., & Chaovalitwongse, W. A. (2016). Using Wireless EEG Signals to Assess Memory Workload in the n-Back Task. *IEEE Transactions on Human-Machine Systems*, 46(3), 424–435. doi: 10.1109/THMS.2015.2476818 (2017 JCR impact factor: 2.563)

J12 Cole, M. J., **Gwizdka**, J., Liu, C., Belkin, N. J., & Zhang, X. (2013). Inferring user knowledge level from eye movement patterns. *Information Processing & Management*, 49(5), 1075–1091. doi:10.1016/j.ipm.2012.08.004 (2017 JCR impact factor: 3.444; acceptance rate ~10%)

J11 **Gwizdka**, J., & Cole, M. J. (2013). Towards Human-Information System Interaction Models Derived from Eye-Tracking Data. *Studia Ekonomiczne. Zeszyty Naukowe Uniwersytetu Ekonomicznego w Katowicach*, 158, 65–80. Katowice, Poland: University of Economics Press.

J10 Oh, K.-E. & **Gwizdka, J**. (2011). Impatient opportunists: A study of technology use in a higher education classroom. *Journal of Applied Research in Higher Education*, 3(2), 81-96. doi:10.1108/17581181111198638

J09 Cole, M., **Gwizdka**, J., Liu C., Bierig, R., Belkin, N., Zhang, X. (2011). Task and User Effects on Reading Patterns in Information Search. *Interacting with Computers*. 23(4), 346-362. doi:10.1016/j.intcom.2011.04.007 (2017 JCR impact factor: 0.81)

J08 **Gwizdka, J**. (2010). Distribution of cognitive load in web search. *Journal of the American Society for Information Science and Technology*, 61(11), 2167–2187. doi:10.1002/asi.21385 (2017 JCR impact factor: 2.835)

J07 **Gwizdka, J**. & Lopatovska, I. (2009). The role of subjective factors in the information search process. *Journal of the American Society for Information Science and Technology*, 60(12), 2452-2464. doi:10.1002/asi.21183 (2017 JCR impact factor: 2.84)

J06 **Gwizdka, J**. (2009). What a difference a tag cloud makes: Effects of tasks and cognitive abilities on search results interface use. *Information Research*, 14(4), paper 414. Online: http://informationr.net/ir/14-4/paper414.html (2017 JCR impact factor: 0.76)

J05 **Gwizdka, J**. (2009). Assessing cognitive load on web search tasks. *Ergonomics Open Journal*, 2, 114-123. doi:10.2174/1875934300902010114

J04 **Gwizdka, J**. & Spence, I. (2007). Implicit measures of lostness and success in web navigation. *Interacting with Computers*, 19(3), 357-369. doi:10.1016/j.intcom.2007.01.001 (2017 JCR impact factor: 0.809) (8th most downloaded paper from the journal in the quarter it was published)

J03 Whittaker, S., Bellotti, V., & **Gwizdka, J**. (2006). Email in personal information management. *Communications of the ACM*, 49(1), 68-73. doi:10.1145/1107458.1107494 (2016 JCR impact factor: 4.027; 2017: 3.063)

J02 **Gwizdka, J**. & Chignell, M.H. (2004). Individual differences and task-based user interface evaluation: A case study of pending tasks in email. *Interacting with Computers*, 16(4), 769-797. doi:10.1016/j.intcom.2004.04.008 (2017 JCR impact factor: 0.809)

J01 Chignell, M.H., **Gwizdka, J**., & Bodner, R. (1999). Discriminating meta-search: A framework for evaluation. *Information Processing & Management*, 35(3), 339-364. doi:10.1016/S0306-4573(98)00065-X (2017 JCR impact factor: 3.444; acceptance rate ~10%)

Journal publications (not peer reviewed)

JN02 **Gwizdka**, J., Moshfeghi, Y., Wilson, M.L. (2019). Introduction to the Special Issue on Neuro-Information Science. *Journal of the Association for Information Science and Technology*, 70(9), 911–916. https://doi.org/10.1002/asi.24263

JN01 Eickhoff, C., **Gwizdka**, J., Hauff, C., & He, J. (2017). Introduction to the special issue on search as learning. *Information*

Retrieval Journal, 1–4. doi:10.1007/s10791-017-9315-9.

Conference Papers (peer reviewed)

C73 Murhekar, A., Liu, C., Mishra, A., Roychowdhudry, S., **Gwizdka**., J. (2026, *accepted*). SENSE: Efficient EEG-to-Text via Privacy-Preserving Semantic Retrieval. *Proceedings of the 28th ACM International Conference on Multimodal Interaction ICMI'2026*. ACM Press.

C72 Jayawardena, G., Zhang, D., & **Gwizdka**, J. (2026). Visual Attention and Cognitive Load in Text Relevance Assessment. P*roceedings of the 2026 Symposium on Eye Tracking Research and Applications*, ETRA '26. https://doi.org/10.1145/3797246.3805481

C71 Zhang, D., Jayawardena, G. & **Gwizdka**, J. (2026). Phase-Dependent Scanpath Dynamics in Map-Based Tasks. *Proceedings of the 2026 Symposium on Eye Tracking Research and Applications ETRA'2026*.

C70 Shi, L., Jayawardena, G., & **Gwizdka**, J. (2026) Effects of Working Memory Capacity and Search Task Complexity on Cognitive Load. *In the Proceedings of the 2026 ACM SIGIR Conference on Human Information Interaction and Retrieval,* CHIIR'2026. https://doi.org/10.1145/3786304.3787871

C69 Zhang, D., Jayawardena, G., & **Gwizdka**, J. (2026). Attention! Rethinking What We Measure in CHIIR Studies. *In the Proceedings of the 2026 ACM SIGIR Conference on Human Information Interaction and Retrieval,* CHIIR'2026. https://doi.org/10.1145/3786304.3787944

C68 Latifzadeh, K., **Gwizdka**, J., & Leiva, L. A. (2025). A Versatile Dataset of Mouse and Eye Movements on Search Engine Results Pages. *Proceedings of the 48th International ACM SIGIR Conference on Research and Development in Information Retrieval*, 3412–3421. SIGIR'2025. https://doi.org/10.1145/3726302.3730325

C67 Jayawardena, G., Jayawardana, Y., Abeysinghe, Y., Mahanama, B., Jayarathna, S., & **Gwizdka**, J. (2025). A Real-Time Approach to Capture Ambient and Focal Attention in Visual Search. *Proceedings of the 2025 Symposium on Eye Tracking Research and Applications ETRA'2025*, 1–7. https://doi.org/10.1145/3715669.3723111

C66 Mishra, A., Shukla, S., Torres, J., **Gwizdka**, J., & Roychowdhury, S. (2025). Thought2Text: Text Generation from EEG Signal using Large Language Models (LLMs). In L. Chiruzzo, A. Ritter, & L. Wang (Eds.), *Findings of the Association for Computational Linguistics: NAACL 2025* (pp. 3747–3759). Association for Computational Linguistics. https://aclanthology.org/2025.findings-naacl.207

C65 Shi, L., Jayawardena, G., & **Gwizdka**, J. (2025). Pupillometric Analysis of Cognitive Load in Relation to Relevance and Confirmation Bias. *Proceedings of the 2025 ACM SIGIR Conference on Human Information Interaction and Retrieval,* 219–230. https://doi.org/10.1145/3698204.3716458

C64 **Gwizdka**, J., & Cole, M. (2025). g-Rel-READER: A Dataset for Relevance and Reading Evaluation through Advanced Data from Eye-tracking and EEG Recordings. Proceedings of the 2025 ACM SIGIR Conference on Human Information Interaction and Retrieval, 377–381. https://doi.org/10.1145/3698204.3716474

C63 Shi, L., & **Gwizdka**, J. (2025). The Effects of Confirmation Bias and Readability on Relevance Assessment: An Eye-Tracking Study. *Information Systems and Neuroscience*, 137–146. https://doi.org/10.1007/978-3-031-71385-9_11.

C62 **Gwizdka**, J. (2023). NeuroIS at 15: What Were we Writing About?. F. D. Davis, R. Riedl, J. vom Brocke, P.-M. Léger, A. B. Randolph, & G. R. Müller-Putz (Eds.), Information Systems and Neuroscience (pp.). Springer International Publishing.

C61 Shi, L., Rahman, R., Melamed, E., **Gwizdka**, J., Rousseau, J., & Ding, Y. (2023). Using Explainable AI to Cross-Validate Socio-economic Disparities Among Covid-19 Patient Mortality. In AMIA Informatics Summit (IS '23), March 13-16, 2023, Seattle, WA, USA.

C60 Shi, L., Bhattacharya, N., Das, A., & **Gwizdka**, J. (2023). True or false? Cognitive load when reading COVID-19 news headlines: an eye-tracking study. Proceedings of the 2023 Conference on Human Information Interaction and Retrieval, 107–116. https://doi.org/10.1145/3576840.3578290

C59 **Gwizdka**, J., Tessmer, R., Chan, Y.-C., Radhakrishnan, K., & Henry, M. L. (2022). Eye-Gaze and Mouse-Movements on Web Search as Indicators of Cognitive Impairment. In F. D. Davis, R. Riedl, J. vom Brocke, P.-M. Léger, A. B. Randolph, & G. R. Müller-Putz (Eds.), Information Systems and Neuroscience (pp. 187–200). Springer International Publishing. https://doi.org/10.1007/978-3-031-13064-9_20

C58 Shi, L., Bhattacharya, N., Das, A., Lease, M. & **Gwizdka**, J. (2022). The Effects of Interactive AI Design on User Behavior: An Eye-tracking Study of Fact-checking COVID-19 Claims. In ACM SIGIR Conference on Human Information Interaction and Retrieval (CHIIR '22), March 14-18, 2022, Regensburg, Germany. ACM, New York, NY, USA, 9 Pages. https://doi.org/10.1145/3498366.3505786

C57 Chang Y-S. & **Gwizdka**, J. (2022). Perceived eHealth Literacy vis-a-vis Information Search Outcome: A Quasi-Experimental Study. In *ACM SIGIR Conference on Human Information Interaction and Retrieval (CHIIR '22)*, March 14-18, 2022, Regensburg, Germany. ACM, New York, NY, USA, 6 Pages. https://doi.org/10.1145/3498366.3505825

C56 Bautista, J. R., Zhang, Y., & **Gwizdka**, J. (2022). Professional Identity and Perceived Crisis Severity as Antecedents of Healthcare Professionals' Responses to Health Misinformation on Social Media. In M. Smits (Ed.), iConference 2022 (pp. 273–291). Springer International Publishing. https://doi.org/10.1007/978-3-030-96960-8_19

C55 Chang, Y.-S., Zhang, Y., & **Gwizdka**, J. (2021). Predicting Surrogates' Health Information Seeking Behavior via

Information Source and Information Evaluation. Proceedings of the Association for Information Science and Technology, 58, 36–47. https://doi.org/10.1002/pra2.434. **ASIST SIG-USE Best Paper**.

C54 Bhattacharya, N., **Gwizdka**, J. (2021). "YASBIL: Yet Another Search Behaviour (and) Interaction Logger". *Short paper in Proceedings of the 44th international ACM SIGIR conference on Research and development in Information (SIGIR 2021)*. ACM Press.

C53 **Gwizdka**, J. (2021). "Overloading" Cognitive (Work)Load: What Are We Really Measuring? *Information Systems and Neuroscience* (*NeuroIS'2021 conference),* 77–89. Springer. https://doi.org/10.1007/978-3-030-88900-5_9

C52 Jia, C., & **Gwizdka**, J. (2020). An Eye-Tracking Study of Differences in Reading Between Automated and Human-Written News. In F. D. Davis, R. Riedl, J. vom Brocke, P.-M. Léger, A. B. Randolph, & T. Fischer (Eds.), *Information Systems and Neuroscience* (pp. 100–110). Springer International Publishing. https://doi.org/10.1007/978-3-030-60073-0_12

C51 Chang, Y.-S., **Gwizdka**, J., & Zhang, Y. (2020). eHealth literacy, information sources, and health webpage reading patterns. *Proceedings of the Association for Information Science and Technology*, 57(1), e234. https://doi.org/10.1002/pra2.234

C50 Bhattacharya, N., Rakshit, S., & **Gwizdka**, J. (2020). Towards real-time webpage relevance prediction using convex hull based eye-tracking features. Proceedings of the 2020 Symposium on Eye Tracking Research and Applications (ETRA '20 Adjunct). https://doi.org/10.1145/3379157.3391302

C49 Bhattacharya, N., Rakshit, S., **Gwizdka**, J., & Kogut, P. (2020). Relevance Prediction from Eye-movements Using Semi-interpretable Convolutional Neural Networks. Proceedings of the 2020 Conference on Human Information Interaction and Retrieval, 223–233. https://doi.org/10.1145/3343413.3377960

C48 **Gwizdka**, J., & Chang, Y.-S. (2020). Search Results Viewing Behavior vis-à-vis Relevance Criteria. In F. D. Davis, R. Riedl, J. vom Brocke, P.-M. Léger, A. Randolph, & T. Fischer (Eds.), Information Systems and Neuroscience (pp. 181–188). Springer International Publishing. https://doi.org/10.1007/978-3-030-28144-1_20

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C20 Liu, J. Cole, M.J., Liu, C., Bierig, R., **Gwizdka, J.**, Belkin, NJ., Zhang, J., & Zhang, X. (2010). Search behaviors in different task types. In *Proceedings of JCDL'2010* (pp. 69-78). New York: ACM Press. doi: 10.1145/1816123.1816134 (acceptance rate: 28%)

C19 **Gwizdka, J.** (2010). Of kings, traffic signs and flowers: Exploring navigation of tagged documents. In *Proceedings of the 21st ACM Conference on Hypertext and Hypermedia* (pp. 167-172). New York: ACM Press. doi:10.1145/1810617.1810646 (acceptance rate: 35%)

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WP51. **Gwizdka.,** J., Mostafa, J., Zhang, M., Ji, K., Moshfegi, Y., Ruotsalo, T., Spina, D. (2025). "NeuroPhysIIR: International Workshop on NeuroPhysiological Approaches for Interactive Information Retrieva". Proceedings of CHIIR'2025

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WP49. **Gwizdka**, J. (2022). Inferring cognitive impairment and adapting PIM systems using interaction patterns. *PIM 2022 Workshop. ASIS&T 2022*. Pittsburgh, PA, USA.

WP48. Tessmer, R., Chan, Y-C., **Gwizdka**, J., Henry, M.L., Radhakrishnan, K. (2021). Health information search behavior as an index of cognitive impairment: An eye-tracking study. *Aging and Health Informatics Conference.* **Best Student Poster.**

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WP14 Liu, C., **Gwizdka, J.**, & Belkin, N.J. (2010). Analysis of query reformulation types on different search tasks. In *Proceedings of the 2010 iSchool iConference* (pp. 477-485). Urbana-Champaign, IL: University of Illinois.

WP13 **Gwizdka, J.** & Bakelaar, P. (2009). Navigating one million tags. *Short paper and poster presented at the 72nd annual meeting of the American Society for Information Systems and Technology (ASIS&T),* Vancouver, BC, Canada.

WP12 Cole, M.J., Liu, J., Belkin, N.J., Bierig, R., **Gwizdka, J.**, Liu, C., Zhang, J., & Zhang, X. (2009). Usefulness as the criterion for evaluation of interactive information retrieval. In *Proceedings of the third Workshop on Human-Computer Interaction and Information Retrieval HCIR'2009* (pp. 1-4). Washington, DC: Catholic University of America.

WP11 **Gwizdka, J**. (2009). Cognitive load and web search tasks. In *Proceedings of the third Workshop on Human-Computer Interaction and Information Retrieval HCIR'2009* (pp. 54-57). Washington, DC: Catholic University of America.

WP10 Bierig, R., Cole., M.J., & **Gwizdka, J**. (2009). A user-centered experiment and logging framework for interactive information retrieval. In N.J. Belkin, R. Bierig, G. Buscher, L. van Elst, J. Gwizdka, J. Jose, et al. (Eds.), *CEUR Workshop Proceedings: 512. Proceedings of the SIGIR 2009 Workshop on Understanding the User: Logging and interpreting user interactions in information search and retrieval* [UIIR'2009] (pp. 8-11). Aachen, Germany: CEUR. <http://ceur-ws.org/Vol-512/paper02.pdf>.

WP09 Cole, M.J. & **Gwizdka, J**. (2008). Tagging semantics: Investigations with WordNet. In *Proceedings of the 8th ACM/IEEE-CS Joint Conference on Digital Libraries* [JCDL'2008] (pp. 446). New York: ACM Press.

WP08 **Gwizdka, J**. (2008). Assessing cognitive load on web search tasks. In J.J. Cañas & H. Van Oostendorp (Eds). *Proceedings of the Workshop on Cognition and the Web, Information Processing, Comprehension, and Learning* (pp. 83-86). Granada, Spain: University of Granada.

WP07 **Gwizdka, J.** (2007, June). Digital library interfaces for cognitive diversity. *Position paper presented at the 10th DELOS Thematic Workshop on Personalized Access, Profile Management, and Context Awareness in Digital Libraries (PersDL'2007)*, Corfu, Greece.

WP06 **Gwizdka, J**. (2006, August). Finding to keep and organize: Personal information collections as context. *Position paper presented at the Workshop on Personal Information Management: Now That We're Talking, What Are We Learning? ACM SIGIR Conference on Research and Development in Information Retrieval*, Seattle, WA.

WP05 Bergman, O., Boardman, R., **Gwizdka, J.**, & Jones, W. (2004). Personal information management. In *CHI '04 extended abstracts on human factors in computing systems* (pp. 1598-1599). New York: ACM Press. (acceptance rate: 32%)

WP04 **Gwizdka, J**. (2004). Time design for personal information management. Position paper presented at the Time Design Workshop. *ACM SIGCHI Conference on Human Factors in Computing Systems (CHI '04*), Vienna, Austria.

WP03 **Gwizdka, J**. (2002). Email land—An exploration of email user interfaces supporting pending tasks. In *UIST '02 adjunct proceedings of the 15th Annual ACM Symposium on User Interface Software and Technology* (pp. 9-10). New York: ACM Press.

WP02 **Gwizdka, J.**, Ruppenthal, L., & Chignell, M.H. (2000, April). Personalization of PIM functionality within mobile devices. *Position paper presented at the Workshop on Future Mobile Device Interfaces. ACM SIGCHI Conference on Human Factors in Computing Systems (CHI '00),* The Hague, the Netherlands.

WP01 **Gwizdka, J.** (200l). What's in the context?. Position paper presented at the Workshop on The What, Who, Where, When, and How of Context-Awareness. *ACM SIGCHI Conference on Human Factors in Computing Systems (CHI '00)*, The Hague, The Netherlands.

Other Conference Papers, Abstracts, Posters (not peer reviewed)

CN09 **Gwizdka**, J., Cao, Y., Conde, A., Shin, J., Siva, R.., Xiong, F. (2024). genAI4IS: A Human-Centered Approach to Leveraging LLMs in Augmenting Information-Seeking Processes. *Poster presented iSchool AI Showcase*, Austin, Texas. (November, 2024)

CN08 Shi, L., Jayawardena, G., **Gwizdka**, J., (2024). Relevance, Confirmation Bias, and Cognitive Load: An Eye-tracking Study. *Poster presented iSchool AI Showcase*, Austin, Texas. (November, 2024)

CN07 Mishra, A., Shukla, S., Torres, J., **Gwizdka**, J., Roychowdhury, S., (2024). EEG to Text with LLMs. *Poster presented iSchool*

AI Showcase, Austin, Texas. (November, 2024)

CN06 Shi, L., Liu, H., Wong, Y., Mujumdar, U., Zhang, D., **Gwizdka**, J., Lease, M. (2024). Mitigating Confirmation Bias through Multi-Persona Debates: Leveraging LLM-Driven Social Simulacra for Diverse Perspectives on Controversial Issues. *Poster presented iSchool AI Showcase*, Austin, Texas. (November, 2024)

CN05 Zhang, Y. **Gwizdka**, J., Lopes, C.T. (2016). Consumers' Evaluation of Online Health Information: A Mixed Method Study. *Poster presented at annual UT Austin|Portugal conference in Lisbon*, Portugal. (May, 2016)

CN04 Bilal, D., **Gwizdka, J**. (2016). Exploring Children's Reading Behavior of Google SERPs in the Context of Searching: Methodological Approaches and Challenges. *Presented at 8th International Conference on Qualitative and Quantitative Methods in Libraries QQML'2016*. May 24 - 27, 2016, London, UK.

CN03 **Gwizdka, J**. (2012). Continuous Assessment of Cognitive Load in Information Seeking. *Poster presented at ALISE'2012*. January 17-20, 2012. Dallas, TX.

CN02 Belkin, N.J., Cole, M.J., **Gwizdka, J.**, Li, Y.-L., Liu, J.-J., Muresan, G., Roussinov, D., Smith, C.A., Taylor, A., & Yuan, X.-J. (2005). Rutgers Information Interaction Lab at TREC 2005: Trying HARD. In E.M. Voorhees & L.P. Buckland (Eds.), *The 14th Text REtrieval Conference proceedings* (NIST Special Publication No. 500-266). Gaithersburg, MD: NIST.

CN01 **Gwizdka, J.** (1994). Scentralizowane rozwiazanie startowania stacji roboczych PC w srodowisku sieci lokalnych: Rozwiazanie dla Novell NetWare [The centralized approach to remote booting of client PCs in LAN environments: A solution for Novell NetWare]. *Paper presented at the 2nd Conference on Network Information Systems*, Łódź, Poland.

Technical Reports (not peer reviewed)

R09 Spina, D., **Gwizdka**, J., Ji, K., Moshfeghi, Y., Mostafa, J., Ruotsalo, T., Zhang, M., & Ahmad, A. (2025). Report on the International Workshop on NeuroPhysiological Approaches forInteractive Information Retrieval at ACM SIGIR CHIIR 2025 (NeuroPhysIIR'25). SIGIR Forum, 59(1).

R08 **Gwizdka**, J., & Rieh, S. Y. (2023). Report on the 8th ACM SIGIR Conference on Human Information Interaction and Retrieval (CHIIR 2023). SIGIR Forum, 57(1), 9:1-9:7. https://doi.org/10.1145/3636341.3636353

R07 **Gwizdka, J.** & Mostafa, J. (2016). NeuroIR 2015: SIGIR 2015 Workshop on Neuro-Physiological Methods in IR Research. SIGIR Forum, 49(2), 83–88. doi:10.1145/2888422.2888435

R06 Freund, L., **Gwizdka, J**., Hansen, P., Kando, N., & Rieh, S.Y. (2013). From Searching to Learning. *In M. Agosti, N. Fuhr, E. Toms, & P. Vakkari (Eds.), Evaluation Methodologies in Information Retrieval* (Dagstuhl Seminar Report 13441, pp. 102–105). Retrieved from http://drops.dagstuhl.de/opus/volltexte/2014/4433

R05 Buscher, G., **Gwizdka, J.**, Teevan, J., Belkin, N.J., Bierig, R., van Elst, L., & Jose, J. (2009). SIGIR 2009 Workshop on Understanding the User – Logging and interpreting user interactions in information search and retrieval (UIIR). *ACM SIGIR Forum*, 43(2), 57-62.

R04 **Gwizdka, J.** & Whittaker, S., (2003, March/April). Redesigning email for the 21st century: A CSCW 2002 workshop report. *ACM SIGCHI Bulletin*, 35(2), 16.

R03 **Gwizdka, J.** (1999). You have pressed an invalid key, please try again… Perceptual and cognitive limitations of interactive voice-response systems (a.k.a. phone-based interfaces). (IML Tech. Rep. No. IML-99-02). Toronto: University of Toronto.

R02 **Gwizdka, J.** & Chignell, M.H. (1999). Towards information retrieval measures for evaluation of web search engines. (IML Tech. Rep. No. IML-99-01). Toronto: University of Toronto.

R01 Bly, S., Wilcox, L., Chiu, P., & **Gwizdka, J**. (1997). Finding information in handwritten notes: A study of indexing. (FX-PAL Tech. Rep. No. x). Palo Alto, CA: Fuji-Xerox.

Professional Magazines

M02 **Gwizdka, J.** (1996, July/August). Implementation of dynamic buttons: The UI perspective. In *PDA Developers: A Technical Journal for PDA Developers*.

M01 **Gwizdka, J.** (1996, May/June). NewtEEN: An electronic notebook for unintrusive knowledge acquisition - Extending the Newton's NotePad. In *PDA Developers: A Technical Journal for PDA Developers*.

Book Translations

BT01 **Gwizdka, J.** (1986). Turbo Pascal. Programming Language Manual. Borland International. (from English into Polish).

PATENTS

Baldonado, M.Q.W., Cousins, S.B., Zellweger, P.T., Paepcke, A., & **Gwizdka, J**. (2011). Systems and methods for annotating objects when the annotation device differs from the viewing device. US Patent 8,074,165.

Wilcox, L., Chiu, P., & **Gwizdka, J.** (2002). System for recording, annotating and indexing audio data. US Patent. 6,404,856.

SCHOLARLY PRESENTATIONS

Invited Presentations, Lectures, or Panels

P32. *Framework for Characterizing Eye Movements. Across Spatial, Scanning, & Cognitive Dimensions – Over Time.* (June 22, 2026). Ośrodek Badań Okulograficznych. SWPS University Warsaw.

P31. *From Socrates to Google to ChatGPT: Does Generative AI Make Information Retrieval Obsolete?* (July 17, 2025). **Invited keynote**

at NIP4IR Workshop collocated with SIGIR'2025.

P30. *Inferring Cognitive Phenomena in Interactive Information Retrieval from Neuro-physiological Signals* (March 6, 2025). Invited talk at Indian Statistical Institute (ISI), Kolkata, India.

P29. *Inferring Cognitive Phenomena in Interactive Information Retrieval from Neuro-physiological Signals* (March 4, 2025). Invited talk at Jadavpur University, Kolkata, India.

P28. *Selected Cognitive Phenomena in Interactive Information Search & Retrieval.* (April 3, 2024). Invited lecture at Leibnitz Institute for Research and Information in Education (DIPF), Frankfurt am Main, Germany

P27. *HCI Fundamentals: HCD, UXD, and Users.* (March 26, 2024). Łódź University of Technology, Poland

P26. *The Future of information search and learning with LLMs.* (October 28, 2023). Invited panelist at *Search Systems and Artificial Intelligence: Enhancing Searching as Learning Approaches to Counter Misinformation* panel at the 86th Annual Meeting of the Association of Information Science & Technology (ASIS&T), London, UK.

P25. *Neuro-physiological evidence as a basis for understanding human-information interaction.* (June 26, 2023). Łódź University of Technology

P24. *Neuro-physiological evidence as a basis for understanding human-information interaction.* (June 20, 2023). University of Warsaw.

P23. *Neuro-physiological evidence as a basis for understanding human-information interaction.* (June 8, 2023). University of Luxembourg.

P22. *How Eye-tracking in eXtended Reality is Affecting Future-of-Work* (December 15, 2022). Invited **keynote** at a conference: Technologie rozszerzające możliwości człowieka w pracy przyszłości. (Technologies enhancing human potential in the future of work.) Łódź University of Technology. Poland.

P21. *Neuro-physiological evidence as a basis for understanding human-information interaction.* (Nov 5/6, 2023). Conference IWHEC 2022, China

P20. *What Can We Learn About User Experience From Eye-tracking?* (June 27, 2022). Invited lecture at Łódź HCI Summer School. Łódź University of Technology. Poland.

P19. *Eye-tracking for NeuroIS.* (February 16, 2021). HEC - École des hautes études commerciales de Montréal (Business School), QC, Canada.

P18. *Neuro-physiological evidence as a basis for understanding human-information interaction.* (December 9, 2019). Invited TechTalk speaker at Applied Research Laboratories, Austin TX, USA.

P17. *Wykorzystanie sygnałów neuro-fizjologicznych do pełniejszego rozumienia ludzi i ich interakcji z informacją.* (*Neuro-physiological signals in support of better understanding human information interaction*) (September 12, 2019). Invited speaker at II Światowe Forum Nauki Polskiej poza Granicami Kraju (The second World-wide forum of Polish Science Abroad). Pułtusk, Poland.

P16. *Implicit Evidence as a Basis for Studying Information Search. (November 16, 2018*). iSchool, University of British Columbia. Vancouver, BC, Canada

P15. *Capturing User Experience: Methods and Tools (March 2018).* School of Information Sciences. The University of Tennessee, Knoxville. USA

P14. *From Sensors to Making Sense of Information Searchers' Cognitive States and Goals.* (2017, October). Invited panelist at *From Sensors to Sense-Making: Opportunities and Challenges for Information Science* panel at the 80th annual meeting of the American Society for Information Systems and Technology ASIST'2017, Washington DC, USA.

P13. *Eye-Tracking & HCI* (2016, October). Invited lecture at Department of Microelectronics and Computer Science (DMCS), Faculty of Electrical, Electronic, Computer and Control Engineering, Technical University of Łódź, Łódź, Poland.

P12. *Some Fundamentals of HCI. From human action cycle, mental models, to design principles and ... eye-tracking* (2016, October). Invited lecture at Departamento de Ciência de Computadores Faculdade de Ciências da Universidade do Porto, Porto, Portugal

P11. *Neuro-Physiological Evidence as a Basis for Studying Search.* (2016, October). Invited lecture at Departamento de Engenharia Informática da Universidade do Porto, Porto, Portugal.

P10. *Top Ranked Search Results and What They Mean? Misconception or Missed Information Literacy Education?* (2016, October). Invited panelist at *Information literacy: Bridging the gap between theory and practice* panel at the 79th annual meeting of the American Society for Information Systems and Technology ASIST'2016, Copenhagen, Denmark.

P9. *User Centered Evaluation Approaches in Interactive Information Retrieval.* (2016, March). Invited expert panelist at the 1st International Workshop on System and User Centered Evaluation Approaches in Interactive Information Retrieval (SAUCE'2016), held in conjunction with CHIIR'2016 conference. Chapel Hill, NC.

P8. *Neuro-Physiological Evidence as a Basis for Studying Search.* (2015, December). Invited talk presented at the Department of Library and Information Science, Rutgers University, New Brunswick, NJ.

P7. *Learning about People and their Tasks from Eye-Tracking.* (2011, November). Invited talk presented at the Department of Developmental and Educational Psychology, University of Valencia. Spain.

P6. *Cognitive Ability Effects on Effort in Web Search and Navigation.* (2011, July). Invited contribution to symposium on Cognition and Web at the 21st annual meeting of the Society for Text and Discourse. Poitiers, France. July 11-13, 2011.

P5. *Learning about Information Searchers from Eye-Tracking.* (2011, April). Invited talk at University of Missouri. Columbia, MO.

P4. *Eye tracking = reading the mind.* (2010, August). Invited workshop participant at the 28th European Conference on Cognitive Ergonomics (ECCE 2010), Delft, The Netherlands.

P3. *Do digital libraries require anything special from personalization?* (2007, June). Invited panelist at the 10th DELOS Thematic Workshop on Personalized Access, Profile Management, and Context Awareness in Digital Libraries, Corfu, Greece.

P2. *Future directions in email visualization.* (2005, June). Invited panelist at the Email Archive Visualization Workshop, Human-Computer Interaction Lab, University of Maryland, College Park, MD.

P1. *Interacting with scientific publication databases: Successful search scenarios and the UCD process.* (2005, March). Invited speaker at Elsevier Scopus' seminar, Poland.

Selected Other Presentations, Lectures, Panels or Demos (Note: only items *not* listed elsewhere)

OP9. *Neurophysiological Approaches for Understanding Information Seeking Behavior: A NeuroIS 2024 Panel.* (June 2024). Panel co-organizer and panelist at NeuroIS'2024, Vienna, Austria

OP8. *Psycho-physiological Methods in Information Science: Fit or Fad?* Presented at session at *iConference'2015*. Newport Beach, CA, March

OP7. *Searching as Learning: Novel Measures for Information Interaction Research*. Panel presentation at *ASIST'2014*, Seattle, WA, Nov, 2014.

OP6. *YASFIIRE: Yet Another System for IIR Evaluation.* Demo presented at *IIiX'2014*, Regensburg, Germany, August, 2014. *Applications of Neuroimaging in Information Science: Challenges and Opportunities*. Panel chair and presenter at ASIST"2013.

OP5. *Towards Interaction models derived from eye-tracking.* Presented at the *Polish IA/UX/HCI Summit 2012*. Warsaw, April 18-20, 2012

OP4. *iThinking: Mobile tablet computers for active learning.* (2009, December). Demonstration of classroom technology presented at the Rutgers University Office of Instructional and Research Technology (OIRT) Showcase, New Brunswick, NJ.

OP3. Demos at the *72nd annual meeting of the American Society for Information Science & Technology (ASIS&T'2009),* Vancouver, BC, Canada: 1) *PooDLE IIR Modeling Exploration System (DAMFIR).* Experimental system demo. 2) *Tag Trails interface.* Search interface demo.

OP2.*Workshop on Understanding the User. Logging and interpreting user interactions in information search and retrieval* (UIIR). (2009, July). Workshop co-organizer and co-leader at the 32nd *ACM SIGIR Conference on Research and Development in Information Retrieval*, Boston, MA.

OP1.*Tools for user-centered design.* (2003, April). Session chair at the 21st *ACM SIGCHI Conference on Human Factors in Computing Systems (CHI '03)*, Fort Lauderdale, FL

RESEARCH SOFTWARE DEVELOPED and SUPERVISED

YASBIL	YASBIL: Yet Another Search Behaviour (and) Interaction Logger – supervised student's work
EyeMeasure	Real-time task performance measurement based on eye-tracking data;– supervised student's work
YASFIIRE	Yet Another System for IIR Evaluation. JavaScript, PHP, SQL – supervised students' work
DAMFIR	Data Analysis & Modeling Framework for Evaluation of IIR. Java, PHP, SQL – supervised students' work
TagTrails	Exploratory system for tagged documents. PHP, SQL – co-developed & supervised student's work
LogJq	Processing & managing multiple interaction logs. Java, SQL – co-developed & supervised student's work
WiIRE-2	Web Interactive Information Retrieval Experimental system. PHP, SQL, HTML, JS - individual work
WebTaskMail	Prototype web email system for pending tasks. PHP, SQL, HTML, JS - individual work
Email Land	Zoomable 2D email interface. Java; ZUI framework: Piccolo - individual work
TaskView	Time-based email interface. Java, Java-COM interface - individual work
Notable	Document annotation system for PDAs (Xerox PARC). Java (8,000), C++ (10,000) (US Patent 8,074,165)
FotoFile	Multimedia Organization and Retrieval System (HP Labs). Java - teamwork
EEN	Electronic Engineering Notebook. Java (8,500 lines); NewtonScript, PERL, Prolog - individual work
DynoPhone	Electronic notebook capturing digital ink and audio - integrated with an Internet phone. (FXPAL) C++ on Windows'95 with Pen Services 2.0 (US Patent 6,404,856)
KAD	Knowledge Aided Engineering. UI to an engineering knowledge base. Java, Prolog - teamwork
IAMS	Issues and Actions Management System. Web-based client-server application Client: HTML, JavaScript; Server: PERL, Prolog - teamwork

TEACHING [GRADUATE COURSE INSTRUCTOR, UNLESS INDICATED OTHERWISE]

IN TOTAL: 20 DIFFERENT COURSES TAUGHT 69 TIMES

Human-Computer Interaction and User Experience Design [12 DIFFERENT COURSES TAUGHT 47 TIMES]

Biometrics for UX |INF 385T| Fall 2025
School of Information, University of Texas at Austin; *Course Instructor and **Creator***

Neuro-Physiological Signals in HCI |02 57 6224 00| Summer 2025, 2026 [2 TIMES]
Łódź University of Technology, Łódź, Poland, *Course Instructor and **Creator***

Quantifying User Experience |INF 385T| Fall 2020, 2021, Fall 2023, Spring 2025, Spring 2026 [5 TIMES]
School of Information, University of Texas at Austin; *Course Instructor and **Creator***

Human-Computer Interaction |INF 385C| Spring 2014, Fall 2014-2025 [13 TIMES]
School of Information, University of Texas at Austin; *Course Instructor and **Creator***

Introduction to User Experience Design |I 310U| Spring 2021-2022 [2 TIMES]
Undergraduate course - School of Information, University of Texas at Austin; *Course Instructor and **Creator***

Projects in HCI |INF 385K| Fall 2013, Spring 2015, 2017, 2018, 2019 [5 TIMES]
School of Information, University of Texas at Austin; *Course Instructor and **Creator***

Evaluation of Interactive Technologies |INF 350C| Spring 2019, 2020 [2 TIMES]
Undergraduate course - School of Information, University of Texas at Austin; *Course Instructor and **Creator***

Mobile Interaction Design |INF 385T| Spring 2013, 2014, 2015 [3 TIMES]
School of Information, University of Texas at Austin; *Course Instructor and **Creator***

Interface Design |MLIS 512| Fall 2006-11 on-line; Spring 2006,'08,'10-'12 on-campus [11 TIMES]
Department of Library and Information Science, Rutgers University; *Course Instructor and Re-designer*

Human-Computer Interaction (with Mobile Apps design) |ITI 230| Fall 2006-2010 [5 TIMES]

Undergraduate course - Department of Library and Information Science, Rutgers U; *Course Instructor and **Creator***

Information Visualization |FIS 2182| Spring 2005 [1 TIME]
Faculty of Information Studies, University of Toronto; *Course Co-Instructor and **Co-Creator*** (with Dr. David Modjeska)

Interacting with Information Systems |FIS 2179| Fall 2004 (the 1st course taught as an instructor) [1 TIME]
Faculty of Information Studies, University of Toronto; *Course Instructor*

Human-Computer Interaction and Communication |CCT 380| Summer 2004 [ASSISTED ONLY, NOT COUNTED]
Undergraduate - Communication, Culture & Information Technology, University of Toronto, *Assistant Instructor*

Technical Courses [6 DIFFERENT COURSES TAUGHT 13 TIMES]

Database Management |INF 385M| Spring & Fall 2013, Fall 2014 & 2015 [4 TIMES]
School of Information, University of Texas at Austin; *Course Instructor and Re-designer*

Information Retrieval Theory |PHD 698/614| Spring 2012 [1 TIME]
Doctoral seminar - Department of Library and Information Science, Rutgers University; *Course Instructor*

Information Retrieval |MLIS 551| Spring 2008 [1 TIME]
Department of Library and Information Science, Rutgers University; *Course Instructor*

Digital Library Technology |MLIS 558| Spring 2011 on-line [1 TIME]
Department of Library and Information Science, Rutgers University; *Course Instructor*

Object-Oriented Programming |ITI 202| Spring 2007, Spring 2006 (co-taught with Dr. G. Muresan) [2 TIMES]
Undergraduate– Dept. of Library & Information Science, Rutgers University; *Course Instructor* & *Co-Instructor*

Information Technologies for Libraries & Information Agencies |MLIS 550| Fall 2005, '11, Spring 2007, '10
Department of Library and Information Science, Rutgers University; *Course Instructor* [4 TIMES]

Research Methods Courses [2 DIFFERENT COURSES TAUGHT 4 TIMES]

Quantitative Research Methods|INF 391F| Fall 2022, 2024, 2026 [3 TIMES]
Doctoral - School of Information, University of Texas at Austin; *Course Instructor and **Creator***

Understanding Research |INF 397C| Spring & Fall 2017-2018 [3 TIMES]
School of Information, University of Texas at Austin; *Course Instructor and Re-designer*

STUDENT ADVISING AND MENTORING

Doctoral advisor – Chair of doctoral committees at UT Austin (2 in progress, 2 defended)

1. Dan Zhang, (2024.09-)
2. Li Shi, (2020.09- 2026.08.04) Dissertation title: "Confirmation Bias in Task-Based Information Search: an Eye-Tracking Study in Health-Related Context". **Successfully defended**
3. Nilavra Bhattacharya, (2017.09-2023.05) Dissertation title: "LongSAL: A Longitudinal Search as Learning Study With University Students". **Successfully defended**
4. Yung-Sheng Chang, (2016.09-2022.08). Dissertation title: "eHealth Literacy and Information Search Behaviors: An Experimental Study". **Successfully defended**

Member of doctoral committees at UT Austin (3 successfully defended, 1 withdrawn and 3 in progress)

1. "Circumventing Network Filtering with Polymorphic Protocol Shapeshifting", (defended 2016.05), Brandon Wiley, UT Austin
2. "Consumer Health Information Seeking Using Mobile Devices", Henna Kim, UT Austin (withdrew from the program)
3. "Developing a framework to evaluate the types and dose of tailored information in mobile apps for chronic condition self-management among older adults", (defended 2019.03), Ivan Watkins, UT Austin
4. Nitin Verma, iSchool, UT Austin (defended, July 2023)
5. Yao-Cheng Chan, iSchool, UT Austin, (2020.09-2025.11 – switched committee members)
6. Jiaying Liu, iSchool, UT Austin (2021-09-)
7. Houjiang Liu, iSchool, UT Austin (2023.03-)
8. Nathan Davis, iSchool, UT Austin, (2024-08 - 2024-11)

Member of doctoral committees before UT Austin (6 successfully defended)

9. "Modeling the Information Seeking Task Process as Sequences of Behaviors", 2015.12, Michael Cole, LIS, Rutgers University, (now a senior researcher at Lexis-Nexis, NY)
10. "The Process of Organizing Personal Information", 2013.08, Kyong Eun Oh, LIS, Rutgers University, NJ, USA (now an associate professor at Simmons College, Boston, MA)
11. "Personalizing Information Retrieval in Different Types of Tasks", 2012.09, Chang Liu, LIS, Rutgers University, NJ, USA (now an associate professor at Peking University, Bejing, China)
12. "Personalizing Information Retrieval Using Task Features, Topic Knowledge, and Task Products", 2010.10, Jingjng Liu, LIS, Rutgers University, NJ, US (now an assistant professor at University of South Carolina)
13. "The Effect of Task and Personal Relevance on Credibility Judgments on the Internet", 2010.09, Andrew Kirkyla, LIS, Rutgers University, NJ, USA
14. "Relationships among Work Tasks, Search Tasks, and Interactive Information Searching Behavior", 2008.01, Yuelin Li, LIS, Rutgers University, NJ, USA (now a full professor at Nankai University)

External doctoral committee member or examiner (4 successfully defended)

15. "The Synergy of Form and Function: Investigating how Icon Features and Aesthetic Appraisal Modulate Icon Processing with Behavioral and Neuroimaging Evidence", Jiaqi Zheng, University of Jyväskylä, Finland, pre-examiner (2026.05-06)

16. "Working Memory in Search and Sensemaking: An Exploratory Study", Bogeum Choi, University of North Carolina at Chapel Hill (defended April 10, 2025)
17. "Understanding user search behavior in everyday creative tasks" (2019), Yinglong Zhang, University of North Carolina at Chapel Hill (defended December 2019)
18. "User relevance assessment of personal finance information: What is the role of cognitive abilities?", (2015-2018), Kathy Brennan, University of North Carolina at Chapel Hill (defended May 2018)
19. "Exploring the Role of Culture in Online Searching Behavior from a Cognitive Perspective", (2016-2017), Sara Chizari, University of South Carolina (defended May 2017)
20. External examiner on dissertation "Adaptive Multimodal Integration of Speech and Gaze", Chandra Sekhar Mantravadi (Rutgers, ECE) (defended March 2009)

Other doctoral advising at UT Austin

Supervised over 30 PhD-level individual research and reading courses.
Supervised over 22 PhD-level Graduate Research Assistants [in student-semesters]

Other doctoral advising before UT Austin

Member of 6 PhD qualifying exam committees; chair of one PhD qualifying exam
Supervised 4 PhD-level individual research practica and 13 PhD research assistants [in student-semesters]

Visiting Doctoral mentoring at UT Austin

Kayhan Latifzadeh, 2024.04-05, PhD student from University of Luxembourg

Master's students advising at UT Austin

Supervised 2 Masters' Reports, Reader of 1 Master's Thesis
MSIS program advisees: 16 in Fall 2023; 18 in Fall 2019; 17 in Fall 2018; 21 in Spring 2018; 9 in Fall 2017; 9 in Fall 2016.
Supervised 5 Master-level independent studies; 1 capstone project; 1 practicum
Supervised 27 Master-level Graduate Research Assistants [in student-semesters]

Master's students Capstone project supervision at UT Austin

2024 fall, 1 MSIS student
2024 summer, 1 MSIS student
2024 spring, 3 MSIS students

Master's students research experience at UT Austin

2024 fall, 2 MSIS students

Master's students advising – International - Łódź University of Technology

Asli Yuruk, Supervisor Master's Thesis (2025.11-2026. xx–) Łódź University of Technology
Thesis title: "Designing a Prompt-Guidance System to Support AI-Generated Interior Design: A Comparative Study of Designers and Non-Designers". Polish title: "Projektowanie systemu wspomagającego tworzenie promptów wspierającego generowanie projektów wnętrz przez AI: Studium porównawcze projektantów i nie-projektantów."

Otabek Karimov, Supervisor Master's Thesis (2025.11-2026. xx–) Łódź University of Technology
Thesis title: "Exploring the space of UIs for prompting LLMs". Polish title: "Eksploracja interfejsów użytkownika do tworzenia promptów dla dużych modeli językowych."

Caio De Lima Saigg, Supervisor Master's Thesis 2025.12-2026. xx–) Łódź University of Technology
Thesis title: "Exploring the Impact of Generative AI Responses on User Preference, Understanding, and Learnability through Eye-Tracking". Polish title: "Badanie wpływu odpowiedzi generatywnej sztucznej inteligencji (AI) na interakcję poznawczą użytkownika z wykorzystaniem okulografii."

Marcin Sokołowski, Co-advisor Master's Thesis (2024.10-**2026.03 – defended**) Łódź University of Technology
Thesis title: "Evaluation of UX Mechanisms and User Preferences in the Digital Wellbeing Applications."

Yağmur Aslan, Supervisor Master's Thesis (2024.10-**2025.12.15 – defended**) Łódź University of Technology
Thesis title: "Comparative Analysis of AI-Generated and Human-Created Wireframes: Usability and User Experience Insights. Polish title: "Analiza porównawcza makiet tworzonych przez AI i ludzi: Wnioski dotyczące użyteczności i doświadczeń użytkowników"

Buse Ismihan Ilhan, Co-advisor Master's Thesis (2023-**2024.02 -- defended**) Łódź University of Technology
Thesis title: "Applying Design Principles for Effective Data Analysis, Interpretation, and Visualization."

Master's students advising before UT Austin

Supervised 8 Master-level independent studies and 3 research assistants.

Undergraduate advising at UT Austin

Supervised 3 undergraduate research projects

Undergraduate research experience at UT Austin

2024 spring. Mentored 2 undergraduate students

Undergraduate advising before UT Austin

Supervised 6 undergraduate research projects or internships

Postdoc advising at UT Austin

2024.08- Supervised post-doctoral research fellow (Dr. Gavindya Jayawardena)

2019-2023 Co-supervised post-doctoral research and teaching fellow (Dr. John Robert Bautista)

Postdoc advising before UT Austin

2008-2011 Co-supervised post-doctoral research fellow (Dr. Ralf Bierig – PooDLE project - DAMFIR software)

PROFESSIONAL TEACHING & INSTRUCTION

Advancing Brain-Computer Interfaces with Generative AI for Text, Vision, and Beyond at AAAI-25 conference (Feb, 2025), co-authored with Mishra, A., Shukla, S., Torres, J., Gwizdka, J., & Roychowdhury, S.

Personal Information Management in Theory and Practice: April 2007, August 2006, April 2006
One-day professional course/tutorial taught at conferences: CHI'07, SIGIR'06, CHI'06. *Co-Instructor with Dr. William Jones*

TEACHING TRAINING ATTENDED

2026.07	Team-based Integrated Design: Problem- and Project-Based Methods for Sustainable and Universal Solutions, (Łódź University of Technology, Poland)
2026.06	Sustainable development in higher education, (Łódź University of Technology, Poland)
2026.06	Creating accessible digital materials in accordance with universal design and equality principles, (Łódź University of Technology, Poland)
2025.07	Challenged-Based Learning (CBL) (Łódź University of Technology, Poland)
2010-present	Periodic individual consultations with experts from centers for teaching (Rutgers University, University of Texas at Austin)
2006-2010	Attended pedagogy seminars and workshops on effective teaching offered by Center for Teaching Advancement and Assessment Research, Rutgers University
Winter 2001	Oral Presentation Skills Course, School of Graduate Studies, University of Toronto, Canada
Fall 2001	THE500 – Teaching in Higher Education, Woodsworth College, University of Toronto, Canada

AWARDS, HONORS & FELLOWSHIPS

2023	Recognition for Academic Service to the NeuroIS Community awarded by NeuroIS Conference Chairs at the 15th anniversary of the conference
2022	Recognized as ASIS&T Distinguished Member
2021	ASIS&T SIG-USE Best paper at ASIST annual conference 2021.
2019	Best short paper at ACM ETRA'2019 conference with iSchool doctoral students I.A. Ebeid, N. Bhattacharya, and faculty colleague A. Sarkar.
2018	Diploma in recognition of Academic Service to the NeuroIS Community awarded by NeuroIS Conference Chairs
2015	Distinguished Fellow of the Kosciuszko Foundation Collegium of Eminent Scientists
2014	Google Faculty Research Award (with Prof. Dania Bilal)
2013	Dr. H. Zemlicka Award for the "most visionary paper" presented at NeuroIS'2013 in Gmunden, Austria
2011	"Internet Research" (Emerald) Best Paper in the Interactive Information & Design Track at ASIST 2011
2011	SIGUSE 2011 Best Poster in Information Behavior
2011	IMLS CAREER Development Award. (8.3% success rate; 2 awards given in 2011)
2011	Google Faculty Research Award
2010	Recognized as ACM Senior Member
2004-2005	CITO Post Doctoral Fellowship in the Dept. of Psychology, University of Toronto ($45,000 p.a.)
2002 & 2004	Knowledge Media Design Institute (KMDI) Fellowship Grants, University of Toronto
2002-2004	Graduate Fellow in the Knowledge Media Design Institute (KMDI), University of Toronto
04.2002	Awarded participation in the ACM SIGCHI Doctoral Consortium at the CHI'2002 conference (acceptance rate: 34%)
1998-2000	National Science and Engineering Research Council Graduate Scholarship (NSERC: PGS-B)
1997-98;00-01	Ontario Graduate Scholarship (OGS)
1995-97	University of Toronto Open Fellowships
1986	First Place in the Competition for a Lecturer Position in the Department of Applied Physics & Mathematics, Technical University of Łódź (did not accept)
1985	First prize from the Society of Polish Electrical Engineers (SEP) for the Master Thesis
1984-1985	Ministry of Science, Education & Technology National-level Scholarship, Poland (top 2% nationwide)

SERVICE TO PROFESSION

Tenure Case Reviewing

2024.08	Tenure case reviewer for a US university
2023.09	Tenure case reviewer for a Canadian university
2023.08	Tenure case reviewer for a US university

Research Proposal Reviewing for International Governments and Foundations (by Invitation)

2024-12	National Agency for Research and Development (ANID) of the Ministry of Science, Technology, Knowledge and Innovation of Chile
2024-01	International Research Proposal for **Swiss National Science Foundation**
2023-12	Discovery Grant Proposal for Natural Sciences and Engineering Research Council of **Canada** (NSERC)
2011	Reviewer of a scientific proposal for **Estonian** Science Foundation (ETF)
2010	National consortia proposals (each valued at $21.5M) for **Polish** government's national strategic program

Service to Professional Organizations

2013	ASIS&T Education Committee Co-Chair

Journal Editorial Boards and Peer-Reviewing

2022-2025	Editorial Board *Annual Review of Information Science and Technology* (ARIST - Wiley)
2019.01-present	Editorial Advisory Board *Information and Learning Sciences* (Emerald)
2018.09-2019.08	Invited reviewer for special issue of *Information Processing & Management* (Elsevier) on "Information Need"
2017-present	Invited member of Editorial Advisory Board – *Information & Learning Science* (new Emerald journal)
2017-2019.09	Lead guest co-editor for special issue on Neuro-Information Science for *Journal of the Association for Information Science & Technology*
2015-2017	Guest co-editor for two special issues on Search as Learning for *Journal of Information Science* (Emerald) and *Information Retrieval Journal* (Springer)
2014-present	Member of Editorial Board – *Information Processing & Management* (Elsevier)
2009-present	Associate Editor – *Interacting with Computers* (Oxford, formerly Elsevier)
Reviewer for:	**Journals** (*Journal of the Association for Information Science and Technology (formerly American Society for Information Science & Technology)* , *ACM Transactions on Information Systems, ACM Transactions on Computer-Human Interaction, Interacting with Computers, Information Processing & Management, AIS Transactions on Human-Computer Interaction, Visual Cognition, Health Literacy Research and Practice, IEEE Transactions on Human-Machine Systems, Nuclear Engineering and Technology), Neurocomputing, BISE/Wirtschaftsinformatik (BUIS)*; **Books** and **edited works** (*ARIS&T*, Morgan Kaufman Publishers); **Conferences** (*ACM SIGCHI*, CHIIR, *SIGIR, ETRA, ETWEB, ECIR, IIiX, iConference, ASIS&T, NeuroIS, HICSS)*, numerous workshops *(HCIR, PIM, Email, etc.*)
2000-2004	Founding editor of the University of Toronto Interactive Media Lab's Technical Report Series

Conference/Workshop Organization and Program Committees

2025-2027	**Dagstuhl** 5-Day Seminar "Neurophysiological Signals for Information Interaction: Foundations and Futures", Co-organizer and co-leader of this highly prestigious seminar (39% acceptance rate). Seminar will take place 21.02-26.02.2027. Other co-organizers include: Yashar Moshfeghi, University of Strathclyde, Glasgow, UK; Sven Mayer, TU Dortmund University, Germany; Min Zhang, Tsinghua University, Beijing, China.
2026-27	CHIIR'2027, Workshops & Tutorials Co-Chair
2025-26	CHIIR'2026, Program Committee member
2025	NeuroPhysIIR'2025. ACM CHIIR Workshop Co-organizer and co-leader
2024-25	CHIIR'2025, Program Committee member
2023-24	CHIIR'2024, Senior Program Committee member
2021-23	**CHIIR'2023, General Conference Co-Chair**
2021-22	CHIIR'2022, Senior Program Committee member
2021	Hypertext'2021, Human-information interaction, search and retrieval track chair
2020-21	CHIIR'2021, Senior Program Committee member
2020	CHIIR'2020, Doctoral Consortium Faculty Mentor (invited)
2019	CHIIR'2019, Doctoral Consortium Faculty Mentor (invited)
2017-2018	CHIIR'2018, Doctoral Consortium Co-Chair
2017	NeuroIIR'2017, ACM CHIIR Workshop Co-organizer and co-leader
2016	SAL'2016, SIGIR Workshop Co-organizer
2015-2016	CHIIR'2016, Short-paper Co-Chair
2015	NeuroIR'2015, SIGIR Workshop Co-organizer and Chair
2014-	NeuroIS conference Program Committee
2014	SAL'2014 – Searching as Learning, IIiX Workshop Co-Organizer and Co-Chair
2013	ASIS&T'2013 Panel on Neuroimaging in Information Science – Organizer and Moderator
2012, 2014	Information Seeking in Context Symposium (IIiX) – Program Committee
2011	ASIST'2011 Interactive Information & Design Track – Program Committee
	INTERACT'2011 – Associate Paper Chair
2010-2011	iConference 2010 – Program Committee

2009-2010	Information Seeking in Context Symposium (IIiX'2010) – Publicity Chair
2009	ASIS&T'2009 Personalization Panel Co-organizer and PIM Workshop Co-chair
	SIGIR'2009 Workshop on Logging Information Interaction – Workshop Co-chair
2008	AAAI'2008 Workshop on Enhanced Messaging – Program Committee
	CHI'2008 Workshop on Personal Information Management – Publicity Chair
2006	SIGIR'2006 Workshop on Evaluating Exploratory Search Systems – Program Committee
	SIGIR'2006 Workshop on Personal Information Management – Submissions Chair
11.2005	Co-sponsored the World Usability Day at Rutgers University
27-29.01.2005	NSF-Sponsored workshop on Personal Information Management – Organizing Committee member
2004-2005	Knowledge Media Design Institute (KMDI) – Steering Committee Member
2004	Special Interest Group on Personal Information Management (CHI '04) – Co-organizer and co-leader
2003	Tools for User-Centered Design (CHI '03) – Paper session chair
2002	Workshop on Redesigning Email for the 21st Century (CSCW'02) – Co-organizer and leader

SERVICE TO THE SCHOOL AND UNIVERSITY

2025 fall	UT Austin: Academic Committee
2025 fall	UT Austin: Graduate Assembly
2025-2027	iSchool Faculty Development Leave Committee Chair
2024-2027	iSchool Faculty Development Award Committee
2024.09- 2025.09	UT Austin: Faculty Council - C13 Information Technology Committee
2024.08-present	UT Austin iSchool Doctoral Studies Committee
2023.09-2024.05	UT Austin iSchool Assistant Professor Search Committee (Health Informatics)
2023.09-2024.05	UT Austin iSchool Undergraduate Committee
2022.09-2022.12	UT Austin iSchool Research Colloquium Committee Chair
2020.09-present	UT Austin iSchool IRB coordinator
2020.09-2021.06	UT Austin Hispanic Serving Institution: Transition Committee's Faculty Engagement Subcommittee
2020.09-2021.08	UT Austin iSchool Undergraduate Committee
2016.12-2026.05	Faculty Panel for Bridging Disciplines Program (BDP) certificate in Integrated Design
2019.09-present	UT Austin iSchool Extended Budget Council
2019.09-present	UT Austin iSchool Education Committee
2019.09-2020.08	UT Austin iSchool Master's Studies Committee
2018.09-2019.08	UT Austin iSchool Doctoral Studies Committee
2018.09-2019.08	UT Austin iSchool Assistant Professor Search Committee
2018.08-2019.08	UT Austin iSchool Research Environment Committee
2017.09-2018.05	UT Austin iSchool Admissions Committee
2016.09-2017.12	UT Austin iSchool Curriculum Committee
2016.01-2019	Advisory board for Center for Integrated Design (UT Austin)
2015-2016	Developed UT Austin iSchool's course offerings for undergraduate minor in HCI/UX design
2011-2012	Rutgers University Libraries Web Board, Member (by invitation)
2010-2011	Research & Development Committee, SC&I, Rutgers University
2010-2011	Research Committee, Chair, LIS, Rutgers University
2010-2011	Distinguished Speaker Series, Organizer, LIS, Rutgers University
2008-2010	Digital Library Curriculum committee, Member, LIS, Rutgers University
2008-2009	Brown Bag Lunch Speaker Series, Organizer, LIS, Rutgers University
2006-2010	Master's and doctoral program admissions, Application reviewer, LIS, Rutgers University
2007	Ad-hoc committee on teaching programming in undergraduate program, Information Technology and Informatics, Rutgers University
2006-2009	Research Committee, Member, LIS, Rutgers University

PROFESSIONAL AFFILIATIONS

ACM: SIGIR	Senior Member - Association for Computing Machinery
ASIS&T	Senior Member Association for Information Science and Technology; SIGUSE

LANGUAGES	Fluent English and Polish, Intermediate German, Basic Russian
VOLUNTEERING	Austin Polish Society: Board of Directors (2023-); Austin Polish Film Festival (2023-).
OTHER ACTIVITIES	Fine art photography; Jazz photography.