



Maya Samaha Rupert, Ph.D.

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Biography

Maya Samaha Rupert is a full-time faculty member in the rank of Associate Professor at the Computer Science Department at Notre Dame University-Louaize. She is the co-founder of the Institute of Internet and Technology Addiction at NDU and served as the Vice-Chair of its Board of Directors. She is ranked among the top 2% scientists in the world based on Scopus data, compiled by scientists from Stanford University. Prior to joining NDU, Dr. Samaha Rupert held a full-tenure position at Thompson Rivers University in Canada. Her research interests include: Web Science, Web Intelligence, Web Mining, Social Networks, Complex Adaptive Systems, Multi-Agents Systems, Collaborative Tagging Systems, University Students' Academic Performance, Students' Academic Engagement, Technology Addiction (Internet addiction, Smartphone Addiction, and Video Gaming Disorder) and the development of new assessment tools, measures and scales. She secured four consecutive research grants between 2014 and 2018 from The National Council for Scientific Research Lebanon (CNRS). She regularly appears on international and local TVs to disseminate the results of her research. Her latest appearance on CNBC, USA has accumulated over 3.5 million views.

Peer-reviewed Journals

- Hawi, N., & Samaha, M. (2024). Relationships of gaming disorder, ADHD, and academic performance in university students: A mediation analysis. *Plos one*, 19(4), e0300680.
- Samaha, M., & Hawi, N.S. (2023). Internet Gaming Disorder and Its Relationships with Student Engagement and Academic Performance, *Research Anthology on Game Design, Development, Usage, and Social Impact*. 1704-1720
- Samaha, M., & Hawi, N. (2020). Internet Gaming Disorder and Its Relationships With Student Engagement and Academic Performance. *International Journal of Cyber Behavior, Psychology and Learning (IJCIBPL)*, 10(4), 14-33.
- Hawi, N. S., Samaha, M., & Griffiths, M. D. (2019). The Digital addiction scale for children: Development and Validation. *Cyberpsychology, Behavior, and Social Networking*, Mary Ann Liebert.
- Hawi, N.S., & Samaha, M. (2019). Identifying commonalities and differences of personality characteristics in profiling Internet and social media addictions: Traits, self-esteem, and self- construal, *Behaviour & Information Technology*, Taylor & Francis.
- Hawi, N. S., Samaha, M., & Griffiths, M. D. (2018). Internet gaming disorder in Lebanon: Relationships with age, sleep habits, and academic achievement *Journal of behavioral addictions*, Akadémiai Kiadó, 7 (1): 70-78.
- Hawi, N.S. & Samaha, M. (2017). The relations among social media addiction, self-esteem and life satisfaction in university students. *Social Science Computer Review*, Sage Publisher, 35 (5): 576-586.
- Hawi, N.S., & Samaha, M. (2017). Relationships among smartphone addiction, anxiety, and family relations. *Behaviour & Information Technology*, Taylor & Francis, 36 (10): 1-7.
- Hawi, N.S., & Samaha, M. (2017). Validation of the Arabic version of the Internet Gaming Disorder-20 Test *Cyberpsychology, Behavior, and Social Networking*, Mary Ann Liebert, 20(4): 268-272.

- Samaha, M., & Hawi, N.S. (2017). Associations between screen media parenting practices and children's screen time in Lebanon , *Telematics and Informatics*, Elsevier, 34(1): 351-358.
- Hawi, N.S., & Samaha, M. (2017). Analysis using spectral clustering to predict Internet gaming behaviours. *Proceedings of the 21st International Database Engineering & Applications Symposium*, Bristol, UK. ACM Press.
- Hawi, N.S., & Samaha, M. (2017). A spectral clustering approach to determine the relationship between technology use and academic performance. *Proceedings of the IEEE Conference on Applied Electrical Engineering and Computing Technologies (AEECT)*, Jordan.
- Samaha, M., & Hawi, N.S. (2016). Relationships among smartphone addiction, stress, academic performance, and satisfaction with life. *Computers in Human Behavior*, Elsevier, 57: 321-325.
- Hawi, N.S., & Samaha, M. (2016). To excel or not to excel: Strong evidence on the adverse effect of smartphone addiction on academic performance. *Computers & Education*, Elsevier, 98: 81-89.
- Hawi, N.S., & Samaha, M. (2016). Effects of technologies on 9-year old children. In *Arab Conference on Information Technology*. Morocco.
- Hawi, N.S., & Rupert, M.S. (2015). Impact of e-Discipline on Children's Screen Time Cyberpsychology, Behavior, and Social Networking, *Mary Ann Liebert*, 8(6): 337-342.
- Rana Chamsi Abu Quba, Maya Samaha Rupert, Salima Hassas. (2012) "Search by role: A new paradigm to search by similar users using social information." *Proceedings of the IADIS International Conference on Intelligent Systems and Agents (ISA)*, Lisbon, Portugal.
- Maya Rupert, Salima Hassas (2010) Building Users' Profiles from Clustering Resources in Collaborative Tagging Systems. *Lecture Notes in Computer Science*, Volume 6335/2010, Active Media Technology. pp.: 345-352 (Springer ed.)
- Maya Rupert, Carlos Li, Salima Hassas (2008) An Organisational Multi-Agent Systems Approach for Designing Collaborative Tagging Systems. *Proceedings of the 2008 IEEE/WIC/ACM International Conference on Web Intelligence and Intelligent Agent Technology*, Sydney, Australia pp.114-117 (IEEE Computer Society Press ed).
- Maya Rupert, Salima Hassas, Amjad Rattrout (2008) The web from a Complex Adaptive Systems perspective. *The Journal of Computer and System Sciences (Elsevier)*, volume 74, issue 2, March 2008, Pages 133-145, Academic Press, Inc.
- Maya Rupert, S. Hassas, C. Li, and J. Sherwood, (2007) Simulation of Online Communities Using MAS Social and Spatial Organisations. *International Journal of Computational Intelligence*, vol. 4, pp. 183-188.
- Maya Rupert, Salima Hassas, Carlos Li, Richard Paweska (2007) Social and Spatial Organisations in Multi-Agent Systems *Proceedings of the IADIS International conference on Intelligent Systems and Agents (ISA)* Lisbon, Portugal.
- Maya Rupert, Salima Hassas, Amjad Rattrout (2006) The Web and Complex Adaptive Systems *20th International Conference on Advanced Information Networking and Applications Volume 2 (AINA 2006)* pp.:200-204, Austria. (IEEE Computer Society Press ed).
- Maya Rupert, Amjad Rattrout, Salima Hassas (2006) Organisation du Contenu du Web selon la Perspective des Systemes Complexes Adaptatifs *Conference de la Recherche d'Informations et Applications (CORIA 2006)* pp. 283-294. (ARIA ed. France).
- Amjad Rattrout, Maya Rupert, Salima Hassas (2005) Reorganizing the Dynamic Information on the Complex Web *Proceeding of Conference on Information Technology (ACIT 05)*, Jordan (pp. 103-110).

Reviewer in the following Journals

- Journal of Computers & Education
- Journal of Computers in Human Behavior
- Journal of Cyberpsychology, Behavior, and Social Networking
- Journal of Studies in Higher Education
- Journal of Behaviour & Information Technology