



# PMU-WFSF

# SECOND FUTURES

# RESEARCH GRANT

## PUBLICATIONS

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## SECOND FUTURES RESEARCH GRANT PUBLICATIONS

### Dr. Habiba Drias

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Drias, H., Drias, Y., Houacine, N.A. et al. (2022). Quantum OPTICS and deep self-learning on swarm intelligence algorithms for Covid-19 emergency transportation. *Soft Comput.*  
<https://doi.org/10.1007/s00500-022-06946-8>

Drias, H., Drias, Y., Bendimerad, L.S., Houacine, N.A., Zouache, D., Khennak, I. (2022). Quantum Ordering Points to Identify the Clustering Structure and Application to Emergency Transportation. In: Abraham, A., Gandhi, N., Hanne, T., Hong, TP., Nogueira Rios, T., Ding, W. (eds) *Intelligent Systems Design and Applications. ISDA 2021. Lecture Notes in Networks and Systems*, vol 418. Springer, Cham. [https://doi.org/10.1007/978-3-030-96308-8\\_28](https://doi.org/10.1007/978-3-030-96308-8_28)

Houacine, N.A., Bendimerad, L.S., & Drias, H. (2022). Heterogeneous DBSCAN for Emergency Call Management: A Case Study of COVID-19 Calls Based on Hospitals Distribution in Saudi Arabia. In: , et al. *Innovations in Bio-Inspired Computing and Applications. IBICA 2021. Lecture Notes in Networks and Systems*, vol 419. Springer, Cham. [https://doi.org/10.1007/978-3-030-96299-9\\_39](https://doi.org/10.1007/978-3-030-96299-9_39)

### Dr. Zubair Baig

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Baig, Z., Syed, N., & Mohammad, N. (2022). Securing the Smart City Airspace: Drone Cyber Attack Detection through Machine Learning. *Future Internet*. 2022; 14(7):205.  
<https://doi.org/10.3390/fi14070205>

### Dr. Phillip Daffara

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Daffara, P. (2022). Futures Impacts of the Kingdom of Saudi Arabia (KSA) transforming its cities to be carbon neutral Arcologies. *Journal of Future Studies*. <https://jfsdigital.org/futures-impacts-of-the-kingdom-of-saudi-arabia-ksa-transforming-its-cities-to-carbon-negative-arcologies/>

### Dr. Mirjana Beara

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Beara, M., & Dubovicki, S. (2022). The Polak Game and the Future of Education : Are University Students Optimists or Pessimists about the Future of Education?. *Journal of Future Studies*.

### Dr. Salman A. Khan

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Khan, S. A.(2022). Adaptation of the Simulated Evolution Algorithm for Wind Farm Layout Optimization. *FME Transactions*, Vol. 50, No. 4, pp. 664-673.  
[https://www.mas.bg.ac.rs/media/istrazivanje/fme/vol50/4/8\\_s.khan.pdf](https://www.mas.bg.ac.rs/media/istrazivanje/fme/vol50/4/8_s.khan.pdf)

Khan, S. (2022). A Preliminary Study on the Wind Farm Layout Design Using Simulated Evolution Algorithm. *International Journal of Computing and Digital Systems*.  
<https://journal.uob.edu.bh/handle/123456789/4623>

## Dr. Patricia Marybelle Davies

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Davies, P.M., Alotaishan, R.M.T., Alabdulwahed, H.K.A. et al. (2023). Perspectives on cyberlearning: A case study by students, about students. *Education and Information Technologies*. <https://doi.org/10.1007/s10639-022-11564-w>

### Non-Scopus Publication

Davies, P.M., Alabdulwahed, H., Zainalabedin, Z., Khan, A. and Alkhamis, T. (2022). *Fostering Student Participation in Policymaking: Cases from the United Kingdom and the Kingdom of Saudi Arabia* [Online poster]. 2022 Annual Meeting of the American Education Research Association (AERA), San Diego, California. 21 - 26 April 2022. doi: 10.3102/IP.22.1896863. Available at <https://aera22-aera.ipostersessions.com/default.aspx?s=E5-A9-6E-F0-00-A2-D7-09-F6-50-2E-1C-64-6C-F6-B9&guestview=true>

Davies, P.M., Alotaishan, R.M.T., Alabdulwahed, H.K.A., Khan, A.M.F., Ateya, R.M., Alkhamis, T.S., Alodhib, A.A.A. (2022). Are We Ready for Cyberlearning? A Study by Students, about Students, for College Leaders. *Preprints*. doi: 10.20944/preprints202202.0340.v1. Available at <https://www.preprints.org/manuscript/202202.0340/v1>

### Conference Paper Presentation

Davies, P. (2022, February 10-12). *Are We Prepared for Cyberlearning? A Study by Students, about Students, for Colleges*. [Conference Presentation]. 5th IEEE Eurasian Conference on Educational Innovation 2022 (IEEE ECEI 2022). Virtual.

Davies, P. (2022, April 21-26). *Fostering Student Participation in Policymaking: Cases from the UK and KSA*. [Conference Presentation]. 2022 Annual Meeting of the American Education Research Association (AERA), San Diego, California.

Davies, P., Alabdulwahed, H.K.A., Zainalabedin, Z., Alkhamis, T.S., & Khan, A.M.F. (2022, December 7-8). *A Futures Approach to Student Participation in Leadership: Cases from the UK and KSA*. [Conference Presentation]. PMU International Conference in Futures Studies, Khobar, Saudi Arabia.

## Dr. Azhar Iqbal

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Iqbal, A. (2022). A Numerical Study of Anomalous Electro-diffusion cells in cable sense with a non-singular kernel *Demonstratio Mathematica*. <https://doi.org/10.1515/dema-2022-0155>

## Dr. Muhammad Waqar Ashraf

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Ashraf, M., & Alanezi, F. (2022). Sustainable Eating Futures: A Case Study in Saudi Arabia. *Future of Food: Journal on Food, Agriculture & Society*. <https://doi.org/10.17170/kobra-202204136024>

Ashraf, M. (2022). Heavy metal burden in beverages consumed in the Kingdom of Saudi Arabia. *Current Topics in Toxicology*. 18, 147-154.