

Noura Metawa, Ph.D.



Assistant Professor of Finance,
College of Business Administration
University of Sharjah - United Arab Emirates

nmetawa@sharjah.ac.ae
nsmetawa@gmail.com

EDUCATION

University of New Orleans, New Orleans, USA *PhD.*,
Financial Economics
MSc., Financial Economics
Mansoura University, Mansoura, Egypt

May. 2018
May. 2016

MSc., Finance
BSc., Business Administration

October. 2012
June. 2009

RESEARCH INTERESTS

Corporate Finance, Financial Institutions and Banking, FinTech, Intelligent systems and applications in Finance.

PUBLICATIONS

- Lei Zhu, Menghao Li, N Metawa, “Financial Risk Evaluation Z-Score Model for Intelligent IoT-based Enterprises”, *Information Processing & Management*, Volume 58, Issue 6, 2021.
<https://doi.org/10.1016/j.ipm.2021.102692>.
- Noura Metawa, et al., “Internet of Things Enabled Financial Crisis Prediction in Enterprises Using Optimal Feature Subset Selection-Based Classification Model”, *Big Data*, 2021,
<https://doi.org/10.1089/big.2020.0192>
- Geng, Chengxuan, Xu, Yunkai, and Metawa, Noura. ‘Intelligent Financial Decision Support System Based on Data Mining’. 1 Jan. 2021 : 1 – 10. [DOI: 10.3233/JIFS-189838](https://doi.org/10.3233/JIFS-189838).

- Noura Metawa, Irina V. Pustokhina, Denis A. Pustokhin, K. Shankar, and Mohamed Elhoseny., “Computational Intelligence-Based Financial Crisis Prediction Model Using Feature Subset Selection with Optimal Deep Belief Network”, *Big Data*, 100-115, 2021. <https://doi.org/10.1089/big.2020.0158>
- Chen, Xuanjun and Metawa, N. ‘Enterprise Financial Management Information System Based on Cloud Computing in Big Data Environment’. 1 Jan. 2020 : 5223 – 5232. [DOI: 10.3233/JIFS-189007](https://doi.org/10.3233/JIFS-189007)
- Uthayakumar, J., Metawa, N., Shankar, K. et al. Intelligent hybrid model for financial crisis prediction using machine learning techniques. *Inf Syst E-Bus Manage* 18, 617–645 (2020). <https://doi.org/10.1007/s10257-018-0388-9>
- Abdel-Basset, M., Ding, W., Mohamed, R., Metawa, N., “An integrated plithogenic MCDM approach for financial performance evaluation of manufacturing industries”. *Risk Management*, 22, 192–218 (2020). <https://doi.org/10.1057/s41283-020-00061-4>
- Chen, Xuanjun and Metawa, N. ‘Enterprise Financial Management Information System Based on Cloud Computing in Big Data Environment’. *Journal of Intelligent and Fuzzy Systems*, 1 Jan. 2020 : 1 – 10. [DOI: 10.3233/JIFS-189007](https://doi.org/10.3233/JIFS-189007)
- Luo T, Noura Metawa, “Intelligent algorithm of optimal investment model under stochastic interest rate and stochastic volatility”, *Journal of Intelligent & Fuzzy Systems*, vol. 37, no. 1, pp. 283-292, 2019. <https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs179085>
- Ling Z, Zengrui T, and N Metawa, “Data mining-based competency model of innovation and entrepreneurship”, *Journal of Intelligent & Fuzzy Systems*, vol. 37, no. 1, pp. 35-43, 2019 <https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs179061>
- “Expert Systems in Finance: Smart Financial Applications in Big Data Environments”, M Kabir Hassan, Aboul Ella Hassanien, Mohamed Elhoseny, Noura Metawa, ISBN 9780367109523, 2019, Routledge. <https://www.routledge.com/Expert-Systems-in-Finance-Smart-Financial-Applications-in-Big-Data-Environments/Metawa-Elhoseny-Hassanien-Hassan/p/book/9780367109523>
- J Uthayakumar, Noura Metawa, K Shankar, SK Lakshmanaprabu, “Intelligent hybrid model for financial crisis prediction using machine learning techniques”, *Information Systems and e-Business Management*, Springer, 2018, (doi.org/10.1007/s10257-018-0388-9).
- Umair Khan, Farhan Aadil, Mustansar Ghazanfar, Salabat Khan, Noura Metawa, Khan Muhammad, Irfan Mehmood, Yunyoung Nam, “A Robust Regression-Based Stock Exchange Forecasting and Determination of Correlation between Stock Markets”, *Sustainability*, MDPI, 2018, 10(10), 3702, doi.org/10.3390/su10103702
- Metawa, Noura, Hassan, Kabir M., Elhoseny, Mohamed. (2017). “Genetic Algorithm Based Model for Optimizing Bank Lending Decisions”, *Expert Systems with Applications* 80, 75-82. Elsevier. [doi:10.1016/j.eswa.2017.03.021](https://doi.org/10.1016/j.eswa.2017.03.021)

- N. Metawa, M. Elhoseny, M. K. Hassan and A. Hassanien, "Loan portfolio optimization using Genetic Algorithm: A case of credit constraints," *2016 12th International Computer Engineering Conference (ICENCO)*, IEEE, 2016, pp. 59-64. ([doi: 10.1109/ICENCO.2016.7856446](https://doi.org/10.1109/ICENCO.2016.7856446))
- M. Elhoseny, N. Metawa and A. Hassanien, "An automated information system to ensure quality in higher education institutions," *2016 12th International Computer Engineering Conference (ICENCO)*, IEEE, 2016, pp. 196-201. ([doi: 10.1109/ICENCO.2016.7856468](https://doi.org/10.1109/ICENCO.2016.7856468))
- M. Elhoseny, N. Metawa, A. Darwish, and A. Hassanien, Intelligent Information System to Ensure Quality in Higher Education Institutions, Towards an Automated E-University, *International Journal of Computational Intelligence Studies*, Inderscience, 2018, <https://doi.org/10.1504/IJCISTUDIES.2017.089049>.
- Noura Metawa, M Kabir Hassan, Saad Metawa, M Faisal Safa, "Impact of behavioral factors on investors' financial decisions: case of the Egyptian stock market", *International Journal of Islamic and Middle Eastern Finance and Management*, Emerald, 2018, (doi.org/10.1108/IMEFM-12-2017-0333).

CONFERENCE PAPERS

- Noura Metawa, Jennifer Broadmann, Tarun Mukherjee, Corporate governance determinants in start-up firms, *AFS 2017 Annual Conference, Nashville TN, 2017*.
- Noura Metawa, M. Kabir Hassan, Mohamed Elhoseny, Saad Metawa, The Relationship between Behavioral Factors and Investors Financial Decisions: An Empirical Study on the Egyptian Stock Market, *AFS 2016 Annual Conference, 2016*.
- Noura Metawa, M. Kabir Hassan, Investor protection, financial constraints and investment efficiency in US multinationals. *Southwest Society of Economics, Little Rock, AR 2017*.
- Alfiya Salikhova, Noura Metawa, M. Kabir Hassan, Tax Reforms and corporate financial structure: Evidence from listed companies in Kazakhstan, *AEF 54th annual conference, Charleston, SC 2017*.
- Alfiya Salikhova, Noura Metawa, M. Kabir Hassan, Tax Reforms and corporate financial structure: Evidence from listed companies in Kazakhstan, *Southwest Society of Economics, Little Rock, AR 2017*.

Books and other publications

- Book: "AI and Big Data in Financial Risk Management", Noura Metawa, M.Kabir Hassan, and Saad Metawa, Taylor and Francis , 2021. In press.
- "Expert Systems in Finance: Smart Financial Applications in Big Data Environments", M Kabir Hassan, Aboul Ella Hassanien, Mohamed Elhoseny, Noura Metawa, ISBN 9780367109523, 2019, Routledge. <https://www.routledge.com/Expert-Systems-in-Finance-Smart-Financial-Applications-in-Big-DataEnvironments/Metawa-Elhoseny-Hassanien-Hassan/p/book/9780367109523>

TEACHING EXPERIENCE

- **American University in the Emirates-Dubai-UAE**

Fall 2020	Microeconomics ECO100-1
	Microeconomics ECO100-4
	International Financial Management FIN404
	Managerial Economics ECO600-1
Spring 2021	Microeconomics ECO100-1
	Financial Management FIN200-1
	International Financial Management FIN404

- **Mansoura University-Mansoua-Egypt**

Fall 2019	Management Information Systems
	Financial Negotiation Management/MBA
	Financial Management/Msc.
Spring 2020	Financial Management/MBA
	Financial Institutions and Banking
	Advanced topics in Finance/MBA

- **Regis University- Colorado-USA**

Fall 2018	Security Analysis and Portfolio Management/MBA
Spring 2019	Business Finance (BA 4100) -01
	Business Finance (BA 4100) -02
	Personal Finance (BA 4115)

- **University of New Orleans-Louisiana-USA**

Summer 2016	Statistics for Managers (QMBE 4400)
Fall 2016	Fundamentals of Financial Management (FIN 3300)
Spring 2017	Principles of Microeconomics (Econ 1203)
Summer 2017	Money and Banking (Econ 2221)
Fall 2017	Fundamentals of Financial Management (FIN 3300)

- **Mansoura University-Mansoua-Egypt**

Spring 2011	Financial Management
Fall 2011	Financial Markets and Institutions
Spring 2012	Strategic management, Marketing Research
Fall 2012	Management of Information systems, Public Administration
Spring 2013	Small Business Finance, Human Resources Management
Fall 2013	Financial Management, Financial Markets and Institutions
Spring 2011	Financial Management
Fall 2011	Financial Markets and Institutions

WORK EXPERIENCE

- Chair of Seminars and workshop committee, College of Business Administration, AUE, Emirates, 2020-2021
- Member of AACSB committee, College of Business Administration, AUE, Emirates, 2020 - 2021
- Editorial Board member, The Egyptian Journal for business research, Faculty of Commerce, Mansoura University, Egypt.
- Program designer for Master of Financial Economics at Anderson College of Business, Regis University, USA, 2018 – 2019.
- Course designer (Finance for Managers, Securities Markets Fundamentals, Derivatives), Anderson College of Business, Regis University, USA, 2018 – 2019.
- Chair of Regis University Research and Scholarship committee (RURS), 2019-current.
- Member at the Regis University AACSB committee, 2019-2019.
- Graduate Assistant for “AACSB: Assurance of Learning Standards” at College of Business Administration, University of New Orleans, USA, April 2015 – May 2018
- Team Manager for “Quality Assurance and Accreditation Project”, Urology and Nephrology Center, Mansoura, Egypt, April 2012 – May 2013
- Website content organizer for “Electronic documentation project”, Mansoura University, Egypt, January 2011 – May 2013

WORKSHOPS AND TRAINING

Workshops at AUE-Dubai-UAE

- “Academic Integrity and Turnitin Usage” at AUE in November 2020.
- “Midterm Exam Preparation using Respondus and Moodle” at AUE in October 2020.
- “How to publish in SCOPUS journal” at AUE in October 2020.
- “Midterm Exam Preparation” at AUE in October 2020.
- “Factor analysis a requisite imperative technique for testing relationship and hypotheses” at AUE in October 2020.
- “Training for Master thesis supervisor” at AUE in October 2020.
- “Research and Publication in SCOPUS” at AUE in September 2020
- “Academic Administrators Roles & Responsibilities” at AUE in September 2020.
- “Facilitating Rich Dialogue and Managing Assessment in Remote Learning Environments” at AUE in September 2020.
- “Designing Course Assessment and Delivery Using Online Platform” at AUE in August 2020.
- “Teaching and Learning Effectiveness Workshop” at AUE in August 2020.

Workshops at Mansoura University-Egypt

- International Publication and ethics, Mansoura University, June 2019
- Employee Harassment training, Regis University, August 2018
- Employee Ethics training, University of New Orleans, September 2017
- Academic career ethics, Mansoura University, October 2012
- Communication styles in the education processes, Mansoura University, October 2012
- Quality standards in the teaching process, Mansoura University, October 2012

Dr. Noura Metawa C.V.

- Ethics of the scientific research, Mansoura University, November 2012
- Effective presentation, Mansoura University, December, 2012
- Time Management, Mansoura University, January 2013.

AWARDS AND HONORS

- Mansoura University Distinguished Research Encouragement Award, Mansoura University, Egypt, 2020.
- Mansoura University publications Incentives Award, Mansoura University, Egypt, 2019.
- Anderson College of Business Scholarly Achievement Award, Regis University, USA, 2019
- Chartered Financial Analyst (In Progress)
- Publons review award. “Top 1% reviewer in Finance”, 2018
- The Egyptian government general mission PhD scholarship, 2015
- Privateer Doctoral award, University of New Orleans 2014 – 2018

SOFTWARE and DATABASES EXPERIENCE

- Stata, SAS, SPSS
- Compustat, CRISP, Bloomberg
- Connect by McGrawhill, MidTap by Cengage, Wiley Plus by Wiley

REFERENCES

Dr. M. Kabir Hassan
Hibernia Professor of Economics and Finance Bank One Professor in Business
University of New Orleans
Phone: (504)-280-6163
Email: mhassan@uno.edu

Dr. Tim Keane
Professor and Dean of School of Business
University of San Diego, California, USA
Phone: (619) 260-4886
Email: tkeane@sandiego.edu

Dr. Mirjana Pejic Bach
Professor
Faculty of Economics- Zagreb University
Phone: (00385-1) 2383464
Email: mirjana.pejicbach@gmail.com