



## *A.M. Elsawah*

📍 **Currently Address:** Wuhan 430079, China.

📍 **Permanent Address:** Zagazig 44519, Egypt.

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🌐 **Personal Page:** <http://www.uic.edu.hk/isci/members/AMElsawah.html>

🌐 **Research Gate Page:** [https://www.researchgate.net/profile/A\\_Elsawah](https://www.researchgate.net/profile/A_Elsawah)

🌐 **Amazon Page:** <http://www.amazon.com/A.-M.-ELsawah/e/B00QNZLGCC>

### **PERSONAL INFORMATION**

**Full Name:** Ahmed Abdelnadi Mohamed Mohamed Attia Elsawah.

**Nick Name:** A.M. Elsawah.

**Nationality:** Egyptian.

**Passport No.:** A07003104

**Sex:** Male.

**Date of birth:** October 14 th , 1985.

**Currently Work Address:** Faculty of Mathematics and Statistics, Central China Normal University, Wuhan 430079, China.

**Permanent Work Address:** Department of Mathematics and Statistics, Zagazig University, Faculty of Science, Egypt.

**Tel:** 002- 055- 2303252.

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**Post Office Box:** 44519.



## WORK EXPERIENCE

### Researcher and Lecturer

From:

March / 2016

To:

Now

Institute of Statistics and Computational Intelligence, Beijing Normal University –  
Hong Kong Baptist University United International College.

<http://www.uic.edu.hk/isci/members/AMElsawah.html>

### Assistant Lecturer

Department of Mathematics, Faculty of Science, Zagazig University, Zagazig  
44519, Egypt

<http://www.zu.edu.eg/>

From:

January / 2011

To:

September/2013

- Teaching all branches of mathematical statistics (Theory of probability-  
Time Series- Stochastic Process - Order Statistics - Statistical Inference–  
Experimental Design - Operations Research- Calculus- Real analysis-  
Functional analysis -Numerical analysis) for undergraduate and graduate  
students.
- Teaching ICDL and SPSS package for undergraduate and graduate  
students.

### Teaching Assistant

Department of Mathematics, Faculty of Science, Zagazig University, Zagazig  
44519, Egypt

From:

November / 2007

To:

December / 2011

- Teaching all branches of mathematical statistics (Theory of probability-  
Time Series- Stochastic Process - Order Statistics - Statistical Inference–  
Experimental Design - Operations Research- Calculus- Real analysis-  
Functional analysis -Numerical analysis) for undergraduate and graduate  
students.
- Teaching ICDL and SPSS package for undergraduate and graduate  
students



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## EDUCATION

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**From:** *Ph.D. Student*  
September / 2013  
**To:** Faculty of Mathematics and Statistics, Central China Normal University, Wuhan  
July / 2016 430079, China.  
Thesis title “Efficient Methodologies For Constructing Optimal  
Experimental Designs”.

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**From:** *Master of Sciences in Mathematical Statistics*  
January / 2010  
**To:** Mathematics Department, Faculty of Science, Zagazig University, Egypt.  
January / 2012  
Thesis title “On the asymptotic generalized Order Statistics and  
Related Functions”.

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**From:** *Pre-Master of Sciences in Mathematical Statistics.*  
September / 2007  
**To:** Mathematics Department, Faculty of Science, Zagazig University, Egypt.  
July / 2008  
*Graduation grade:* Excellent with Honors grade.

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**From:** *Bachelor Degree in Mathematics and Statistics Science*  
September / 2003  
**To:** Department of Mathematics, Faculty of Science, Zagazig University, Zagazig  
July/ 200 44519, Egypt.  
*Graduation grade:* Excellent with Honors grade.



## LANGUAGES SKILLS

Mother tongue: Arabic

Other languages:

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	B2	C1	C2
Amid east TOEFL Test, Egypt.					
Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user					

## PROFESSIONAL TRAINING

### I passed the following training competencies:

- Effective Teaching: **Faculty and Leadership Development Project** (FLDP)
- Organization of Scientific Conferences. (FLDP)
- Effective Presentation Skills. (FLDP)
- International Publishing of Scientific Research. (FLDP)
- Methods of Scientific Research. (FLDP)
- Research Projects Local and Global Competitiveness. (FLDP)
- Communication Skills in the Different Learning Styles. (FLDP)
- Effective Communication Skills. (FLDP)
- Management of the Research Team (FLDP)
- Management of the Time and Meetings. (FLDP)
- The Use of Technology in Teaching. (FLDP)
- The Credit Hour System. (FLDP)
- Quality Standards in the Teaching Process. (FLDP)



## SEMINARS

Weekly seminar with my supervisor and our team on our field of interest.

### I interested in many fields of research such as:

- Machine Learning. **2015- now.**
- Constructing Optimal Designs of Computer Experiments. **2013- now.**
- Order Statistics and its applications. **2007- now.**
- Statistical Inference and its applications. **2007-2013.**
- Mathematical Statistics and its applications. **2007-2013.**

## LIST OF SCIENTIFIC PUBLICATIONS

### Accepted Manuscripts

### 2016

1. Elsayah, A. M., **2016.** Comments on asymptotic distribution of normalized maximum under finite mixture models. Journal of Statistical Theory and Applications. Forthcoming.
2. Elsayah, A. M., **2016.** A powerful and efficient technique for searching optimal mixed-level foldover plans. Australian & New Zealand Journal of Statistics. Forthcoming.
3. Elsayah, A. M. and Qin, H., **2016.** Optimum mechanism for breaking the confounding effects of mixed-level designs. Computational Statistics.  
<http://dx.doi.org/10.1007/s00180-016-0651-9>



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4. Elsayah, A. M. and Qin, H., 2016. Asymmetric uniform designs based on mixture discrepancy. Journal of Applied Statistics.  
<http://dx.doi.org/10.1080/02664763.2016.1140727>
  5. Elsayah, A. M. and Qin, H., 2016. Constructing optimal asymmetric combined designs under Lee discrepancy. Statistics and Probability Letters. Forthcoming.
  6. Elsayah, A. M. et al., 2016. A note on optimal foldover four-level factorials. Acta Mathematica Sinica, English Series 32 (3), 286-296.
  7. Elsayah, A. M. and Qin, H., 2016. A New Look on Optimal Foldover Plans in Terms of Uniformity Criteria. Communications in Statistics-Theory and Methods. Forthcoming.
  8. Elsayah, A. M. and Qin, H., 2016. An efficient methodology for constructing optimal foldover designs in terms of mixture discrepancy. Journal of the Korean Statistical Society 45, 77-88.

## 2015

9. Elsayah, A. M. and Qin, H., 2015. A new strategy for optimal foldover two-level designs. Statistics and Probability Letters, 103, 116–126.
10. Elsayah, A. M. and Qin H., 2015. Mixture discrepancy on symmetric balanced designs. Statistics and Probability Letters, 104, 123–132.
11. Elsayah, A. M. and Qin, H., 2015. Lower Bound Of Centered L2-discrepancy For Mixed Two and Three Levels U-type Designs. Journal of Statistical Planning and Inference, 161, 1-11.
12. Elsayah, A. M. and Qin, H., 2015. Lee discrepancy on symmetric three-level combined designs. Statistics and Probability Letters, 96, 273-280.
13. Barakat, H. M., Nigm, E. M. and Elsayah, A. M., 2015. Asymptotic distributions of the generalized range, midrange, extremal quotient and extremal product, with a comparison study. Communications in Statistics-Theory and Methods, 44: 900-913.
14. Barakat, H. M., Nigm, E. M. and Elsayah, A. M., 2015. On asymptotic behavior of



some record functions. ProbStat Forum, 08, 124-129.

## 2014

15. Elsayah, A. M. and Qin, H., 2014. New lower bound for centered L2-discrepancy of four-level U-type designs. Statistics and Probability Letters, 93, 65-71.

## 2013

16. Barakat, H. M., Nigm, E. M. and Elsayah, A. M., 2013. Asymptotic distributions of the generalized and the dual generalized extremal quotient. Bull. Malays. Math. Sci. Soc. (2) 36(3) , 657-670.

### *BOOKS- Author of:*

1. Constructing Uniform Experimental Designs. LAP Academic Publishing./Germany, ISBN 978-3-659-63185-6.
2. Generalized Order Statistics Under Finite Mixture Models. LAP Academic Publishing./Germany, ISBN 978-3-659-28606-3
3. Bivariate Generalized Order Statistics, Asymptotic Theory of Extreme, Central and Intermediate. LAP Academic Publishing./Germany, ISBN 978-3-659-63146-7.
4. Multivariate Order Statistics Under Random Sample Size. Asymptotic Behavior of Identical and Nonidentical. LAP Academic Publishing./Germany, ISBN 978-3-659-54563-4.
5. On the Asymptotic Generalized order Statistics and Related Functions. LAP Academic Publishing./Germany, ISBN 978-3-659-30344-9.
6. On the Asymptotic Generalized order Statistics and Related Functions. Zagazig University, Zagazig 44519, Egypt.
7. Academic Computer Fundamentals Series . 3 Parts (ICDL , Latex , SPSS). Zagazig University, Zagazig 44519, Egypt.



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## ***A REFEREE For THE FOLLOWING JOURNALS***

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- 1. American Mathematical Society.**
- 2. Statistics and Probability Letters.**
- 3. Journal of the Korean Statistical Society.**

## ***ANNEXES***

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- **Bachelor Degree Certificate.**
- **Four Years Bachelor Degree Certificate.**
- **Pre-Master of Sciences Degree Certificate.**
- **Master of Sciences Degree Certificate.**
- **Ph.D. of Sciences Degree Certificate (July/2016).**
- **TOEFL Certificate.**
- **Citation of my publications.**