

**Address**  
15 Ali Adham St., Sheraton  
Heliopolis, Cairo, Egypt

**Phone** +2(02)-22672482  
**Mobile** +2 01223647461  
**E-mail** sally\_abdelfatah@feps.edu.eg

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# Sally Farid A. Abdelfatah

## Personal Information

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- **Date of Birth:** November 23, 1986
- **Nationality:** Egyptian
- **Gender:** Female

## Education

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- **Ph.D., Statistics Department** 2011–2017  
*Faculty of Economics and Political Science, Cairo University, Egypt*  
**Grade:** Excellent  
**Ph.D. Thesis:** *Improved Randomized Response Models*
  - In the Ph.D. thesis, improved randomized response (RR) models were developed through solving deficiencies in present RR models, extending some of the recently developed RR models to other sampling schemes that are known to be more efficient and applicable than the simple random sampling, and proposing new RR models.
- **M.Sc., Statistics Department** 2007–2011  
*Faculty of Economics and Political Science, Cairo University, Egypt*  
**Grade:** Excellent  
**Master Thesis:** *Contributions to Randomized Response Models*
  - Four randomized response models were developed in an attempt to obtain more efficient estimators of the population proportion possessing a sensitive attribute and at the same time increase the respondents' cooperation.

*The committee recommended exchanging the thesis with Arab and Foreign universities.*
- **B.Sc., Statistics Department** 2003–2007  
*Faculty of Economics and Political Science – English Section, Cairo University, Egypt*  
**Minor:** Computer in Social Sciences  
**Grade:** Excellent with Honor    **GPA:** 3.74 / 4.0  
**Ranking:** 1<sup>st</sup> over 60 “Statistics Department” - 1<sup>st</sup> over 1500 “Faculty”  
**Graduation Project:** *The Obesity Problem in Egypt: A case study of 2 public & 2 private dietary clinics*  
**Project Grade:** Excellent
- **High School Education** 2000–2003  
*Zahrat Language School, Egypt*  
**GPA:** 3.94/4.0  
**Ranking:** 5<sup>th</sup> over 80

## Work Experience

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- **Lecturer** 2017–Present  
*Faculty of Economics and Political Science, Cairo University, Egypt*
- **Lecturer Assistant** 2011–2017  
*Faculty of Economics and Political Science, Cairo University, Egypt*
- **Teaching Assistant** 2007–2011  
*Faculty of Economics and Political Science, Cairo University, Egypt*

### Courses taught over the period (2007-2016)

- Linear Algebra 2009–2016
- Categorical Data Analysis 2007–2015
- Sampling 2010–2013
- Multivariate Analysis 2012–2013
- Demography 2007–2010
- Mathematics 2007–2009
- Theory of Decision Making 2007–2009

## Research Work

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### Journal Papers:

- **Abdelfatah, S.** and Mazloun, R. (2019), " An Improved Cluster Two-Stage Randomized Response Model," *Communications in Statistics – Simulation and Computation*, 48(1), 58:72, DOI:10.1080/03610918.2017.1373811.6
- **Abdelfatah, S.** and Mazloun, R. (2016), " An Efficient Two-Stage Randomized Response Model Under Stratified Random Sampling," *Mathematical Population Studies*, 23(4), 222-238, DOI:10.1080/08898480.2016.1222222.
- **Abdelfatah, S.** and Mazloun, R. (2016), " An Efficient Randomized Response Model Using Two Decks of Cards Under Simple and Stratified Random Sampling," In Chaudhuri, A., Christofides, T.C., and Rao, C. R. (Eds.), *Handbook of Statistics*, Vol. 34, Chapter 9, pp. 133-154, Elsevier.
- **Abdelfatah, S.** and Mazloun, R. (2015), "Efficient Estimation in a Two-Stage Randomized Response Model," *Mathematical Population Studies*, 22:4, 234-251, DOI:10.1080/08898480.2014.953897.
- **Abdelfatah, S.** and Mazloun, R. (2015), "An Improved Stratified Randomized Response Model Using Two Decks of Cards," *Model Assisted Statistics and Applications*, 10(4), 309-320.
- **Abdelfatah, S.** and Mazloun, R. (2014), "Improved Randomized Response Models Using Three Decks of Cards," *Model Assisted Statistics and Applications*, 9(1), 63-72.
- **Abdelfatah, S.**, Mazloun, R. and Singh, S. (2013), "Efficient Use of a Two-Stage Randomized Response Procedure," *Brazilian Journal of Probability and Statistics*, 27(4), 608-617.

- **Abdelfatah, S.**, Mazloun, R. and Singh, S. (2011), "An Alternative Randomized Response Model Using Two Decks of Cards," *STATISTICA*, 71, 3, 381-390.

#### **Presentations:**

**Abdelfatah, S.** and Mazloun, R., "A Stratified Randomized Response Model Using Two Decks of Cards" presented at the *World Association for Public Opinion Research (WAPOR) 67<sup>th</sup> Annual Conference* – September 2014

**Abdelfatah, S.**, Mazloun, R. and Singh, S., "Improved Randomized Response Models Using Three Decks of Cards" presented at the *European Survey Research Association (ESRA) Conference* – July 2011

#### **Awards**

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|---|------------------------|
| • Cairo University International Publications Award                             | <i>2011, 2013-2016</i> |
| • Best Master Thesis in the Faculty of Economics and Political Science for 2011 | <i>2011</i>            |

#### **Summer Courses & Trainings**

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|--|---------------------------|
| • Completed the DHS E-learning Survey Sampling Training Course<br><i>The Demographic and Health Surveys Program</i>  | <i>Spring 2018</i>        |
| • Attended a summer school on: "Multiculturalism and Leadership"<br><i>Al-Maktoum College of Higher Education, Scotland</i>  | <i>July 2015</i>          |
| • Attended a training program on:<br>"Impact Evaluation of Social Protection Programs using Advanced Statistical Analysis"<br><i>Social Contract Center in collaboration with the international Policy Center for Inclusive Growth</i> | <i>June 2014</i>          |
| • Attended a training program on:<br>"Poverty and Inequality Measurements and Targeting Techniques"<br><i>Social Contract Center, Egypt</i>  | <i>October 2013</i>       |
| • Attended a workshop on: "Sampling Techniques for Household Surveys"<br><i>Central Agency of Public Mobilization and Statistics "CAPMAS", Egypt</i>   | <i>January 2011</i>       |
| • Attended courses in developing my teaching skills<br><i>Center of Educational Services, Cairo University, Egypt</i>  | <i>2009 - 2011</i>        |
| • Intern at the General Directorate of Quality<br><i>The Egyptian Cabinet - Information and Decision Support Center, Egypt</i>   | <i>July - August 2007</i> |
| • Intern at the Department of Foreign Exchange<br><i>Bank of Suez Canal "El-Orouba Branch", Egypt</i>  | <i>August 2004</i>        |

## **Computer Skills**

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- Statistical Packages: SPSS, STATA
- Microsoft Office (Word - Excel - Access – PowerPoint)

## **Personal Traits**

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Hard worker, communicative, ambitious, quick learner and able to work in a team

## **Languages**

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- **English:** Fluent
- **French:** Fair
- **Arabic:** Mother Tongue

## **References**

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Available upon request