

# May Gadallah

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## Associate Professor

Department of Statistics

School of Economics and Political Science, Cairo University

Cairo, Egypt

Egyptian

## Research Associate

Economic Research Forum , Cairo, Egypt

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## EDUCATION

### Ph.D. in Biostatistics

University of California, Los Angeles, School of Public Health, 2000-2006, August 2006.

### M. Sc. in Statistic

Faculty of Economic and Political Science Cairo University, Sept.1995

### B.Sc. in Statistics

Faculty of Economic and Political Science Cairo University, May.1989

## COMPUTER SKILLS

*Statistical Packages:* STATA, R, SPSS

## WORK

### Economic Research Forum, Cairo, Egypt

**Statistics Manager :** September 2020- present

### World Health Organization, Cairo, Egypt

**Statistical Consultant:** August 2019-December 2019

RMNCAH Policy Survey Data Analysis

### UNICEF, Cairo, Egypt

**Statistical Consultant:** Jan 2019-May 2019

Poverty Dynamics Analysis

### Centre of Survey and Statistical Applications, CSSA, Cairo University, Egypt

**Principal Investigator** (Jan 2018-June 2018) in

- Final evaluation for the project "Improving Syrian and Egyptian Children's Access to Formal and Informal Education" (ACCESS),by CARE

- Final evaluation for the project "All children Reading. Improving School Literacy through Community Engagement" ,by CARE

### Population Council, Middle East, Egypt

**Senior Statistical Consultant:** April 2015-April 2016

Tasks:

- Senior Project Officer for "Survey of Young People in Slums"

- Senior Project Officer for "Sahwa Survey"

**Tasks: Questionnaire and sampling design, mentoring the data collection, and in depth data analysis.**

### USAID Projects through NSCE

**Senior Statistical Consultant in:**

- Mid-term Performance Evaluation, 2016 for "Leadership Opportunity Transforming University Students (LOTUS, Scholarship Program) ".

- Final Performance Evaluation, 2016 for "Leadership for Education and Development (LEAD) Undergraduate Scholarship Initiative"

-Final Performance Evaluation, 2017 for "Education Consortium for the Advancement of STEM (ECASE); also referred to as Egypt STEM Schools Project (ESSP).

- Mid-term Performance Evaluation, 2017 " Workforce Improvement and Skills Enhancement ACTIVITY (WISE)"

**Tasks: Questionnaire and sampling design, mentoring the data collection, and data analysis.**

**UNFPA, Cairo, Egypt**

**Statistical Consultant:** January 2016- May 2016

Tasks:

**- Estimating the Cost of Gender Based Violence in Egypt**

**Social Contract Center, IDSC, Cairo, Egypt**

**Senior Statistical Consultant:** September 2013-July 2014

Tasks:

- Developing the Research Agenda for studying Social Protection Programs in Egypt
- Developing a paper on measuring child poverty using constructed index.
- Coordinating two workshops with the collaboration of International Policy Centre- Inclusive Growth:
  - o Monitoring and Evaluation of Social Protection Programs in Egypt, 3-8 May 2014, Cairo, Egypt.
  - o Impact Evaluation of Social Protection Programs Using Advanced Statistical Analyses, 7-19 June 2014, Cairo, Egypt.

**Social Contract Center, IDSC, Cairo, Egypt**

**Consultant:** April 2012-August 2013

*Project:* 1000 Poorest Villages in Egypt

**Center of Economics and Financial Studies, Cairo University, Egypt**

**Deputy Director:** June 2012- November 2012

*Project:* Analyzing the micro and small enterprises surveys (MSES), and constructing a corruption index.

**Population Council, Middle East, Egypt**

**Consultant:** November 2010- December 2010

*Project:* Report on Job Formality in Egypt

**World Bank, EGYPT**

**Consultant:** Feb. 2009-May 2009

*Project:* Matching Individuals from two data sets

**Population Council, Middle East, Egypt**

**Consultant:** May 2008-August 2008

*Project:* Pathways from school to work

**University of California, Epidemiology Department, Los Angeles, USA**

**Post Doc:** 2006-2007

*Project:* Pooled Analysis of Childhood Brain Tumors

**University of California, Los Angeles, USA**

2003- 2006

*Ph.D. Dissertation:* Combining Aggregated and Individual Level Data to Estimate Individual Level Parameters: Variance, Covariance and Slope Coefficient

**Economic Research Forum (ERF), Cairo, Egypt**

Researcher: 1999

*Project:* Labor Force Sample Survey (1998)

**Social Research Center, American University in Cairo, Egypt**

Research Assistant: 1996

*Project:* Social and Health Status and Educational Achievement of Adolescents in Egypt (ASCE)

**Cairo University, Cairo, EGYPT**

Research Assistant: 1990-1996

*Master Thesis:* Determinants of Child Labor in Egypt

**Al-Mishkat Center for Research and Training, Cairo, Egypt**

Research Assistant: 1993-1995

*Projects:*

- Child Labor on Arab Countries (Sept.1993)
- Urban woman, Work and Poverty Alleviation in Egypt (Feb.1994)
- Survey of Access to Primary Education and Acquisition of Basic Literacy.
- Human development in Egypt, Alternative Perspective (Dec. 1994)
- Opinion Poll for Alahram Weekly concerning the Public perception towards Israel after peace treaty (Jan.1995)

**Computer Center, Cairo University, Cairo, EGYPT**

Research Assistant: 1989-1990

*Project:* The Arabic Names Dictionary

**Central Agency for Public Mobilization and Statistics, Cairo, Egypt**

Student Researcher: summer 1987, summer 1988, summer 1989

*Project:* Labor Force Sample Survey (1988)

**TEACHING**

**Cairo University, Cairo, EGYPT**

Associate Professor: 2016-

Assistant Professor: 2007-2016

Undergraduate Courses: Readings in Statistics, Econometrics, Sampling, Advanced Statistics in Psychology, Linear Regression, Statistical Packages, Econometrics

Graduate: Survival Analysis, Measuring and Interpretation of Opinion Poll's Data, Statistics in Psychology, Introduction to Biostatistics in Health Economic Diploma

Departments of Statistics,

School of Economics and Political science

**University of California, Los Angeles, USA**

Teaching Assistant: 2001, 2004 - 2006

Courses: Introduction to Biostatistics (100A, 100B), Biostatistics (200B).

**Cairo University, Cairo, EGYPT**

Teaching Assistant: 1989-2000

Departments of Statistics,

School of Economics and Political science

Courses: Introduction to Statistics, Linear Algebra, Demography, Applied Statistics, and Analysis of Categorical data.

## WORKSHOPS and TRAINING

Meta Analysis in Psychology: Training course conducted by Psychology Department, Cairo University from Oct 5<sup>th</sup>-Oct 8<sup>th</sup> 2010.

Introduction to STATA: Training course conducted by Centre of Survey and Statistical Application, faculty of Economics and Political Science, Cairo University from August 16-August 18 2016. (Repeated again in 2017 twice)

Introduction to Survey Methodology: Training course conducted by Centre of survey and Statistical application, faculty of Economics and Political Science, Cairo University from August 1- August 2 2017.

Introduction to STATA: Training course conducted by Centre of Survey and Statistical Application, faculty of Economics and Political Science, Cairo University to the researchers of the Information and Decision Support Center (IDSC), 2018.

Introduction to STATA: Training course conducted by AUC, Bootcamp July 3-7 2019.

## PUBLICATIONS

### *Book Chapters:*

**Mokhtar M.** and Wahba J. 2002. Informalisation of Labour in Egypt, in Assaad, R. (ed.) *The Labour Market in a Reforming Economy: Egypt in the 1990s*, Ch. 4, Cairo: The American University in Cairo Press

El Tawila S., **Gadallah M.**, and Ali A. El-Majeed E. 2014. Poverty and Inequality in the Arab Republic of Egypt's Poorest Villages..., in *Inequality in the Arab Republic of Egypt: Facts and Perceptions Across People, Time, And Space*. Ch4, The World Bank.

### *Journal Papers:*

Mezei G, **Gadallah M**, Kheifets L. 2008. Meta-Analysis of Residential Magnetic Field Exposure and Childhood Brain Cancer., *Epidemiology*. 19(3):424-430.

Assaad, R., Binzel C., **Gadallah M**. 2010. Transition to Employment and Marriage among Young Men in Egypt. *Middle East development Journal MEDJ*. Vol.2, issue 1: 39-88.

Abd Eallatif D., and **Gadallah M**. 2011. Imputing Monetary Value to Egyptian Females' Unpaid Domestic and Care Work. *Journal of Development and Economic Policies*. Vol 13. No.1 31-56,

Abd Eallatif D., and **Gadallah M**. 2012. Determinants of Time Spent by Egyptian Females on Domestic Work. *The Egyptian Population and Family Planning Review*. Vol 45, No.2, December 2012 Cairo-Egypt.

El-Sheneity, S. , **Gadallah M**. 2017. The Use of Common Area *K*-sample Test in Evaluating Targeting Methodologies: An Application to the Case of Egypt. *Social Indicators Research* vol. 133, issue 3, pp. 1193–1206

**Gadallah M.**, A. El-Majeed E., and Chakra, N. 2018. Child Poverty in Egypt's Poorest Villages: A Multilevel Logistic Model *The Egyptian Population and Family Planning Review*.

Hassan, M., Mansour, S., Voigt, S., **Gadallah, M**. 2019. When Syria was in Egypt's land: Egyptians cooperate with Syrians, but less each other. *Public Choice* (19) doi:10.1007/s11127-019-00727-y.

Amirah El-Haddad & **May Mokhtar Gadallah** (2020) The informalization of the Egyptian economy (1998–2012): a driver of growing wage inequality, *Applied Economics*, DOI: [10.1080/00036846.2020.1796917](https://doi.org/10.1080/00036846.2020.1796917)

## CONFERENCE PAPERS

Informalisation of Labour in Egypt. Wahba J. and Gadallah M., presented in the Economic Research Forum (ERF) 6<sup>th</sup> annual conference (Cairo, Egypt, 28-31 October, 1999).

Testing for Aggregation Bias. Gadallah, M. Presented in the Tenth Islamic Countries Conference on Statistical Sciences ICCS-X. American University (Cairo, Egypt, December 20–23, 2009).

Imputing a Monetary Value to the Egyptian Females, Unpaid Domestic and Care Work. Abd Eallatif D., and Gadallah M. Presented at the Arab Planning Institute International Conference "Women and Youth in Arab Development" 22-24 March 2010, Cairo – Egypt.

Factors of Career Mobility in Egypt by Gender. Gadallah, M. Presented at the ERF 17<sup>th</sup> annual conference "Politics and Economic Development" 20-22 March 2011, Antalya-Turkey.

Labor Market Adjustment to the World Financial Crisis: Evidence from Egypt, Roushdy, R. and Gadallah, M. Presented at the ERF 17<sup>th</sup> annual conference "Politics and Economic Development" 20-22 March 2011, Antalya-Turkey.

Determinants of Time Spent by Egyptian Females on Domestic Work. Abd Eallatif D., and Gadallah M. Presented at the 24<sup>th</sup> annual conference of Statistics Department, Faculty of Economics and Political Science, 26-27 March 2012, Cairo-Egypt.

Firm Level Corruption in Egypt. Metwally M., and Gadallah M. Presented at the "Towards a Transparent Economy in Egypt" Conference, Center of Economic and Financial Research Studies, Cairo University, 27 March 2012, Cairo- Egypt.

Child Poverty in Egypt's Poorest Villages. Gadallah M., Abd-Elmajeed E., and Chakra N., Presented at the 14<sup>th</sup> EADI General Conference Responsible Development at a Polycentric World, 23-26 June 2014, Bonn-Germany.

Gender Attitudes and Young People's Life Course Decisions and Outcomes: A Dynamic Relationship. Gadallah M., Roushdy, R. Sieverding, M.(2016). Presented at the Population Association of America Annual Meeting March 31-April 2 2016. Washington D.C.USA.

Inequality of Educational Transitions in Egypt: Sequential Logit Model. Ismail, M., Gadallah, M., El-Shehawy, A., (2016). Presented at the 28<sup>th</sup> annual conference of Statistics Department, Faculty of Economics and Political Science, 26-27 March 2016, Cairo-Egypt.

The Effect of Mothers' Employment on Youth Gender Role Attitudes: Evidence From Egypt, Sieverding M., Roushdy R., Gadallah M., Presented Poster at the Population Association of America Annual Meeting April 27-29 2017. Chicago IL, USA.

Determinants of Household Expenditure on FOOD, Abd El Rahman, N, Gadallah, M. and Zahran, A. (2016), 5<sup>th</sup> International Scientific Conference of Arab Statisticians, Feb, 9-10, 2016, Cairo, Egypt.

The Informalization of the Egyptian Economy (1998-2012): A Factor in Growing Wage Inequality?, El-Haddad A., Gadallah M., presented at the Economic and Research Forum (ERF) conference 2018, Cairo, Egypt.

Wage inequality among Vocational Secondary Graduates in Formal and Informal Urban Areas of Egypt" by Roushdy, R. and Gadallah, M. Presented at the 27<sup>th</sup> Economic and Research Forum (ERF) conference 2021, Cairo, Egypt.

## REPORTS

The Consequences and Costs of Gender-Based Violence (Chapter 10) in The Egypt Economic Cost of Gender-Based Violence Survey (ECGBVS) 2015 report. The Central Agency of Public Mobilizations and Statistics, UNFPA, Cairo-Egypt.

Survey of Young People in Informal Urban Areas of Greater Cairo 2016. The Population Council, Cairo, Egypt 2017.

## WORKING PAPERS

**Gadallah, M.** 2011. Factors of Career Mobility in Egypt by Gender. Economic and Research Forum (ERF), Cairo, Egypt. Working paper, No 623.

Roushdy R. and **Gadallah M.** 2011. Labor Market Adjustment to the World Financial Crisis: Evidence from Egypt, Economic and Research Forum (ERF), Cairo, Egypt. Working paper, No 643..

Assessment of Children and Adolescents' Nutrition Status and Determining the Risk Factors in the poorest Villages in Egypt. El-Tawila S., Abd- Almohsen A., Gadallah M., Rashwan M., Refaat E., Abd Eallatif D., Abd-Altty M. The National Council for Children & Motherhood, The Social Contract Center, May 2013. (in Arabic).

Sieverding M., Roushdy R., **Gadallah M** 2017. The Effect of Mothers' Employment on Youth Gender Role Attitudes: Evidence From Egypt,, Economic and Research Forum (ERF), Cairo, Egypt. Working paper, No 1125.

**Gadallah M.**, Roushdy R., Sieverding M 2017. Young People's Gender Role Attitudes Over the Transition to Adulthood in Egypt,, Economic and Research Forum (ERF), Cairo, Egypt. Working paper, No 1122.

The Informalization of the Egyptian Economy (1998-2012): A Factor in Growing Wage Inequality?, El-Haddad A., Gadallah M., Economic and Research Forum (ERF), Cairo, Egypt. Working paper, No 1210 ; June 2018.

## POLICY BRIEFS

Gadallah M., Roushdy Rania. 2016. Youth entrepreneurial activities in Egypt during the 2009-2014 Period : Significant Entrepreneurship Promotion Efforts but Limited Entrepreneurs;. Population Council.

Gadallah M., and Oraby D., Abd-ElTawab N.2017. An in-depth look at the characteristics of Young Wives in Egypt;. Population Council.

Gadallah M. 2019. Activation of the Labor Market System (TVET), Gadallah. Population Council, Egypt,

## PROFESSIONAL DEVELOPMENT

Advanced Econometrics, training course conducted by School of Economics and Political Science with cooperation of Georgia State University, from Nov. 14<sup>th</sup>–Nov 26<sup>th</sup> 2009.

Overview of Macro-Micro simulation Models, training course conducted by the World Bank, Egypt from Dec 5<sup>th</sup>–Dec 10<sup>th</sup> 2009.

Measurements of Inequality of Opportunities and Inequality of Outcomes. Training course conducted by Economic Research Forum from June 20<sup>th</sup> – June 23<sup>th</sup> 2010.

Visiting scholar to Georgia State University for three weeks according to the agreement between Economics Department of Faculty of Economics and Political Science and Georgia State University in June 2011

Financial Econometrics, training course conducted by School of Economics and Political Science with cooperation of Georgia State University, from Nov. 22<sup>th</sup>–Jan 26<sup>th</sup> 2012.

Impact Evaluation, Propensity Score Matching and Generalized Propensity Matching, Training course, by the International Policy Centre- Inclusive Growth IPC-IG , Brazil 7 Jan- 11 Jan 2014.

Impact Evaluation of Social Protection Programs using Advanced Statistical Analyses, Training course by the International Policy Centre- Inclusive Growth IPC-IG with the collaboration of Social Contract Center Egypt, Cairo 7-19 June 2014.

## **SUPERVISION:**

### **Master Degree:**

Doaa Abd-Ellatif (2010): "Imputing a Monetary Value to the Egyptian Females, Unpaid Domestic and Care Work"

Nesma Ramadan (2014): "Determinants of Family Budget Allocation: Multinomial Fractional Logit Approach"

Amany Elshehawey (2015): "Inequality of Educational Opportunities in Egypt"

Doaa Essam (2019): "The Impact of being a Working Child on Wealth Status and Wages 2012"

Ayat Megaly (2019): "A Methodological Comparative Study for Constructing the Wealth Index in Egypt."

### **Graduating Projects:**

"Youth Opinion of Marriage Cost"

"Mapping Health Indices across Egyptian Governorate"

"Determinants of Frustration of Egyptian Youth in Egypt"

"Cost of Marriage in Egypt"

"The Power of Middle Class in Egypt"

## **HONORS and GRANTS**

Co-Principle Investigator with Amirah ElHaddad for the Research Grant of "Comparative Labor and Human Development Research Using Labor Market Panel Survey Data" 2017 , Economic Research Forum, Cairo, Egypt.

Principle Investigator, with co-authors Rania Roushdy and Maia Sieverding for the Research Grant of "The Political Economy of Contemporary Arab Societies" 2016 , Economic Research Forum, Cairo, Egypt.

MDGs Awareness Initiative Research Grant, Cairo University and United Nations Development Program, Egypt 2011: "Egypt Progress to MDGs: Challenges to Gender Equity"

Work and Gender project award, Population Council, Cairo, Egypt 2009: "Factors of Career Mobility by Gender in Egypt"

University of California, Los Angeles, USA, Graduate research Fellowship: 2004-2006.  
Egyptian Government Scholarship: 2000-2004.

Egyptian Statistics Society Award: 1988, 1989.

Cairo University, Egypt: Faculty Award (for being ranked first in the Department of Statistics): 1987, 1988, 1989.

Cairo University, Egypt: Faculty Certificate of Honor: 1986-1989.