

CURRICULUM VITAE

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EDUCATION

Ph.D.	Department of Human Development, University of Maryland, <i>Developmental Science</i>	Anticipated 2013
M.S.E.	Mathematical Sciences, Johns Hopkins University	2002
B.S.	Mathematical Sciences, Johns Hopkins University	2001
Minor	Business Management and Entrepreneurship, Johns Hopkins University	2001

HONORS AND AWARDS

2001	Graduated with general honors and departmental honors in mathematics.
2000	Awarded Johns Hopkins University Naddor Prize for academic excellence by an undergraduate Mathematical Sciences Major
2000	Dean's List for academic year 1999-2000 at Johns Hopkins University

EDUCATIONAL AND LEADERSHIP EXPERIENCE

2006	Project Manager, Aley Youth Association, Aley, Lebanon. Managed and evaluated all student programs and activities. Activities focused on student capacity building in community service initiatives, including educational sessions for orphans and environmental awareness workshops. Executed and administered a sixteen session media training series for 25 university students.
2005	Project Coordinator, Lebanese Youth Dialogue on Conflict Resolution, Beirut, Lebanon. Was part of a two person coordination team for a project funded by the European Union in collaboration with the Office of the Minister of State for Administrative Reform. Worked with university students to dissipate friction and tension amongst Lebanese youth through team building activities and common experiences.
2000 – 2002	Content Specialist in Mathematics, Excellence in Teaching Education Institute (JHU), Baltimore, MD. Worked with Chair of Mathematical Sciences Department to develop criteria to identify ideal high school

math teacher. Developed and taught long term methods to aid high school math teachers to fill mathematical content gaps.

RESEARCH AND QUANTITATIVE EXPERIENCE

- 2006 Consultant, Computer Geeks D.C., Beirut, Lebanon. Optimized return on internet search engine advertising via statistical analysis and qualitative analysis of advertising campaigns.
- 2005 – present Research Assistant, American University of Beirut, Beirut, Lebanon. Conduct research on the efficiency of banks in Lebanon using data envelopment analysis.
- 2003 – 2004 Consultant, Market Research Organization, Beirut, Lebanon. Restructured the internal management of data within the company by developing a company project database. Developed survey quality assurance guide and interviewer evaluation techniques. Cleaned, edited and statistically analyzed survey data focusing on product research and social polling. Trained company staff on the use of multiple statistical tools including SPSS, MS Excel.
- 2001 – 2003 Analyst, Systems Planning and Analysis Inc., Alexandria, VA. Assisted in operational research aspects of a variety of projects including model development, data analysis and model quality assurance. Programmed simulation models for projects using an in-house software and MATLAB Work. Contributed to model test procedures, and implemented model improvements, which include enhancing model accuracy and efficiency. Provided statistical and MS excel support to analyze data and model results.
- 1999 Data Analyst Intern, Information International Research Consultants, Beirut, Lebanon. Conducted field work for company's social and political polling surveys. Coded and edited survey data. Carried out data entry and training on SPSS statistical software.

TEACHING EXPERIENCE

- 2007 – present Distance Education Course Supervisor and Instructor, Center for Talented Youth, Baltimore, MD. Track the progress of students and manage course content of all the competitive mathematics problem solving courses. Design problem solving course curriculum, and instructional format. Instruct talented youth on the strategies of problem solving.
- 2007 – present Math Adjunct Faculty, Community College of Baltimore County, Dundalk & Essex, MD. Instruct in basic mathematics for a

developmental math course and in intermediate algebra. Instructed one section of an applied algebra and trigonometry course for technical degree candidates

2004 – 2005 Instructor, Notre Dame University, Louize, Lebanon. Taught two sections of a general engineering course in the Faculty of Engineering. Instructed first year and second year students on how to solve engineering problems using MS Excel and MatLab.

PAPERS

2008 Efficiency of Banks in Lebanon: A Data Envelopment Analysis approach with Window Analysis by Dr. Ibrahim Osman and Aline Hitti - A quantitative analysis of the use of DEA and Window Analysis as an early warning signal for bank failures in Lebanon.

PROFESSIONAL EXPERIENCE

2006 Procurement Officer, Samidoun NGO Network, Beirut, Lebanon. Assisted with organizing and providing relief for displaced persons during the July – August 2006 War on Lebanon. Was highly involved in allocating monetary contributions to the purchase of nutritional and hygiene necessities.

2003 - 2004 Committee Member, Volunteer Outreach Clinic, Beirut, Lebanon. Managed medication distribution and developed promotional material for the clinic, which is located in Shatila camp in Beirut, and provides primary health care services to camp inhabitants and underprivileged areas.

LANGUAGES

English Fluent in spoken and written.
Arabic Fluent in spoken and written.

COMPUTER SKILLS

MS Word, MS Excel, MS PowerPoint, MS Access, MS Publisher, MS Outlook, MatLab Works, SPSS

OTHER INFORMATION

US Citizen