



Waad Al Sayed, PhD
Mathematics

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Personal Information

Nationality: Lebanese
Marital Status: Married

Current Position

- Assistant Professor at Fahad Bin Sultan University, College of Sciences and Humanities

Professional skills

- High quality proven track record, distinguished Ph.D. degree, the ability to establish a high-impact research papers,
- Trilingual (Arabic, French & English), communication, decision making, time management Self-motivation, conflict resolution, leadership, adaptability, teamwork, creativity,
- Strong background in Mathematics and Applications,
- Ability to teach interdisciplinary courses in all fields related to Mathematics.

Education

2004-2008

Francois Rabelais University – France.

(PhD) Doctor of Philosophy in Mathematics

DISSERTATION: Reduced Measures, Larges Solutions and Singularities of Some Parabolic Problems

2003 – 2004

Lebanese University – Lebanon

(MS) Master of Science in Analysis

2002-2003

Lebanese University – Lebanon

(MS) Master of Science in Mathematics

2005-2008

Lebanese University Branch 3– Lebanon
(B.Sc.) Bachelor of Science in Mathematics

Academic Experience

Sep 2009-Present

Coordinator

Fahad Bin Sultan University - College of Sciences and Humanities-FBSU

Sep 2009-Present

Assistant Professor

Fahad Bin Sultan University - College of Sciences and Humanities-FBSU

Sep 2007-Aug 2009

ATER

Teaching and Research-Francois Rabelais University – France

Teaching Highlights

Designed and taught the following courses for undergraduates with different backgrounds:

- ❖ Calculus 1, 2, 3
- ❖ Discrete Mathematics
- ❖ Linear Algebra and numerical techniques
- ❖ Math for Business and Social sciences 1, 2
- ❖ Differential Equations
- ❖ Probability and Statistics
- ❖ French

Academic service and contributions

- ❖ Providing appropriate leadership for the advancement of academic excellence and the effective functioning of the department which includes the implementation of University, college and department policies.
- ❖ Setting up the operational action plan at FBSU to obtain full accreditation from the National Council for Academic Assessment and Accreditation (NCAAA)

Administrative service and contributions

- ❖ Assistant to the Chancellor for the Female Section
- ❖ Assistant to the President for the Female Section
- ❖ Coordinator of Sciences and Humanities College in the Female Section
- ❖ University council committee
- ❖ Strategic plan and research council committee
- ❖ Quality Assurance committee
- ❖ Administrative committee
- ❖ Academic committee
- ❖ Graduation committee
- ❖ Disciplinary committee

Research Highlights

- ❖ International collaborations: **France:** Francois Rabelais University
- ❖ Research Interest: Parabolic Equations, Singular Solutions, Elliptic Equations, Operators.

Awards and Honors

- ❖ Qualification for the position of "Maitre de conférences" in France
- ❖ Crous of Tours Fellowship 2004-2005.

List of Publications

1. Renormalized solution of elliptic equations with singular measure in the source term
Journal of nonlinear and convex analysis (6), 901-918, 2018
2. On a perturbed functional integral equation in the space of Lebesgue integrable functions
on \mathbb{R}_+ , JMA, 41, 19-27, 2018
3. Integrable solutions of a generalized mixed-type functional integral equation Applied
Mathematics and Computation 276, 356-366, 2016
4. Initial trace of solutions of semilinear heat equations with absorption, Nonlinear Analysis,
2013
5. Solutions of some nonlinear parabolic equations with initial blow up, Quaderni di
Mathematica, 2009.
6. On uniqueness of large solutions of nonlinear parabolic equations in nonsmooth domains,
Advanced Nonlinear Studies, 2009.
7. Reduced Measures Associated with Parabolic Problems, Proceedings of the Steklov
Institute of Mathematics, 2008.
8. A positive solution of a nonlinear parabolic equations with initial trace, in preparation

International Conferences and Academic Events

1. INDAM School on symmetry for elliptic PDEs May 25-29, 2009, 30 years after a
conjecture of De Giorgi and related problems, Istituto Nazionale di Alta Matematica, in
Rome La Sapienza
2. CIMPA-UNESCO-EGYPTE, Développements récents en théorie des EDP elliptiques, 26
January-3 February 2009, Arab academy for Science and Technology, Egypt.
3. Journée des Doctorants, November 25 2008, Orléans, France.
4. CIMPA-UNESCO-DAMAS UNIVERSITY-LEBANESE UNIVERSITY, Aspects
théoriques et appliqués de quelques EDP issus de la géométrie ou de la physique May 15-
27 2004, Damascus (Syria).
5. CIMPA-UNESCO-JORDAN, Modélisation mathématique des marchés financiers,
September 11-22, 2005, Irbid (Jordan).