# Faculty C.V.

1. <u>Name</u> : Ali El Saheli.    D.O.B.: 17-02-1965.

2. <u>Academic Rank</u>: Assistant Professor, Full-time.

3. <u>Degrees</u>:

| 1999 – 2003 | Title: PhD in Mathematics:  CFD Modeling of Axial Fans. |
|---|---|
| | Laboratory: Automotive Research and Development Centre, Chrysler, Windsor, Canada. |
| | University:   University of Windsor - Windsor, ON, Canada. |
| 1996-1999 | Title: Masters in Mathematics : Some Applications of Similarity Solutions in Fluid-Flow Problems. |
| | Laboratory:   Fluid Dynamics Research Institute - University of Windsor. |
| | University:   University of Windsor-Windsor, ON, Canada. |
| 1991-1995 | Title:    BA:  Philosophy. |
| | University:   McMaster University, Hamilton, ON, Canada. |

4. <u>Service at AUK</u>: Joined AUK in September 2014.

5. <u>Professional Experience</u>:

2014-2021         Assisstant Professor    American University of Kuwait  (Full Time)
Responsibilities:   Teaching, participating in departmental meetings, participating in
various committees.

| 2010-2014 | Chairman of Mathematics and Physics | Lebanese International University (Full Time) |
|---|---|---|

Responsibilities:   Setting the academic and research strategies of the department. Running
the department's daily basis issues, course offerings, interviewing new
instructors, advising students, and supervising students' activities.

| 2009 - 2010 | Coordinator of the mathematics program | Lebanese International University (Full Time) |
|---|---|---|

Responsibilities:   Cooperation with the Department's Chairperson in all academic and
administrative issues related to the mathematics major. Coordinating
courses content, syllabi, exams, and grades approval.
Ensuring proper implementation of related university rules and regulations.

| 2003 - 2003 | Sessional Instructor | University of Windsor, Canada (Part Time) |
|---|---|---|

**Responsibilities:** Teaching, proctoring, coordinating multiple section courses.
**Teaching:** Linear Algebra.
Calculus.
Business Mathematics.
Ordinary Differential Equations.

| 2008 - 2009 | Instructor | Lebanese International University (Full Time) |
|---|---|---|

**Responsibilities:** Teaching, proctoring, coordinating multiple section courses.

| 2007 - 2007 | Sessional Instructor | University of Windsor, Canada (Part Time) |
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**Responsibilities:** Teaching, proctoring, coordinating multiple section courses.

| 2003 - 2006 | Assistant Professor | University of Windsor, Canada (Full Time) |
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**Responsibilities:** Teaching, proctoring, coordinating multiple section courses, participating in departmental meetings.

| 2002 - 2003 | Lecturer | University of Windsor, Canada (Full Time) |
|---|---|---|

**Responsibilities:** Teaching, proctoring, coordinating multiple section courses, participating in departmental meetings.

| 2005-2007 | Principal | Al-Mahdi Private School, Windsor, Canada |
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**Responsibilities:**
➢ After founding the school, I was responsible for its management and organization.

➢ Hiring, evaluating and training instructors. Working with students and parents.

➢ Supervision of instruction, curriculum development and improvement, and extra-curricular activities.

➢ Working with Ontario's Ministry of Education to insure the proper regulations and guidelines are being implemented.

6. **Consulting Experience:** None

7. **Professional Registration** **(State(s) in which registered.) None**

8. **Publications Principal publication of last five years** **(give titles and references)**
   a)

   1- S. Zogheib, B. Zogheib and A. El Saheli, "University Students' Achievement in Mathematics: The Role of Student's Gender, Instructor's Gender, Educational Level, and Experience," The Mathematics Educator (official publication of the Association of Mathematics Educators, Singapore). 2015, Vol. 16, No.1, 77- 92.

2- **B. Zogheib and A. El Saheli, "An Improved Approach of Surface Meshes," Applied Mathematics. 2015, 6, 510-519.**

3- **B. Zogheib and A. Elsaheli, "Approximations to the t distribution," Applied Mathematical Sciences, Vol. 9(49), 2445 – 2449, 2015, DOI: http://dx.doi.org/10.12988/ams.2015.52148**

4- **A. Sahili, R. M. Barron, and B. Zogheib; CFD Modeling of Axial Fans, Journal of Applied Mathematics, Vol. 4 No. 4, 2013, pp. 632-651.**

5- **B. Zogheib, S. Zogheib, and A. El Saheli; Study of University Students' Achievement in Low-Level Mathematics Classes, International Journal of Educational Science and Research, 2013, Vol. 3, issue 1, pp. 123-130.**

6- **B. Zogheib, S. Zogheib and A. El Saheli; The Role of MathXL in the Online Learning of Algebra. Far East Journal of Mathematical Education, 2012, Vol. 8, issue 2, pp. 57-68.**

7- **Zogheib, S., Zogheib, B. & El Saheli, A.; Exploring Factors that Influence Preservice Teachers' Computer Use in Computer Courses. ANNALES UNIVERSITATIS APULENSIS, 2009, Vol. 9, 164-182.**

8- **El Saheli, A. and Zogheib, B.; Symmetry Analysis of the 3D Boundary Layer Flow of a Non-Newtonian Fluid. Journal of Mathematics     (submitted)**

9- **Book Chapter "An Improved Approach of Surface Meshes" in:**
   ***Theory and Practice of Mathematics and Computer Science***
   **e-Book ISBN: 978-93-90149-22-3, Print ISBN: 978-93-90149-72-8**

9. <u>**Membership in Professional Societies**</u>   **None**

10. <u>**Patents, Honors and awards**</u>
    **1) Teaching Score Award Winner (Highest Weighted Mean Teaching Score), Faculty of**
       **science, University of Windsor, 2006 – 2007**
    **2) Ontario Graduate Scholarship in Science and Technology, Government of Ontario,**
       **2001-2002**
    **3) NSERC Industrial Postgraduate Scholarship, Natural Sciences and Engineering**
       **Research Council, Government of Canada, 1998-2000**
    **4) University of Windsor Postgraduate Tuition Scholarship, 1998-2001**

5) Conference Travel Award, 2001 and 2002

11. **Courses taught**
      **a) Academic Courses**
      Subjects or courses taught during the most recent academic years, by terms (give hours per week of lectures, labs, and number of sections if more than one. Specify whether courses were day,
      extension, graduate, or other type).

| Spring 2017 (AUK) | | | | |
|---|---|---|---|---|
| Course No/Section | Title | Hours per week | Labs / wk | |
| MATH201/01 | Calculus I | 3 | | |
| MATH203/01 | Calculus II | 3 | | |
| MATH103/01 | Math for Business | 3 | | |
| MATH203/02 | Calculus II | 3 | | |
| MATH203/03 | Calculus II | 3 | | |
| MATH325/01 | Numerical Computing | 3 | | Reading |

| Summer 2017 (AUK) | | | | |
|---|---|---|---|---|
| Course No/Section | Title | Hours per week | Labs / wk | |
| MATH110/01 | Precalculus | 3 | | |
| MATH103/01 | Math for Business | 3 | | |

| Fall 2017 (AUK) | | | | |
|---|---|---|---|---|
| Course No/Section | Title | Hours per week | Labs / wk | |
| MATH100/04 | College Algebra | 3 | | |
| MATH100/05 | College Algebra | 3 | | |
| MATH210/03 | Differential Equations | 3 | | |
| MATH201/02 | Calculus I | 3 | | |

| Spring 2018 (AUK) | | | | |
|---|---|---|---|---|
| Course No/Section | Title | Hours per week | Labs / wk | |
| MATH201/02 | Calculus I | 3 | | |
| MATH203/03 | Calculus II | 3 | | |
| MATH110/01 | Precalculus | 3 | | |
| MATH207/02 | Advanced Engineering Math | 4 | | |

| Fall 2019 (AUK) | | | | |
|---|---|---|---|---|
| **Course No/Section** | **Title** | **Hours per week** | **Labs / wk** | |
| MATH100/01 | College Algebra | 3 | | |
| MATH100/02 | College Algebra | 3 | | |
| MATH210/01 | Differential Equations | 3 | | |
| MATH201/01 | Calculus I | 3 | | |
| MATH103/01 | Math for Business | 3 | | |
| MATH203/03 | Calculus II | 3 | | |
| | | | | |
| Fall 2020 (AUK) | | | | |
| **Course No/Section** | **Title** | **Hours per week** | **Labs / wk** | |
| MATH100/01 | College Algebra | 3 | | |
| MATH210/01 | Differential Equations | 3 | | |
| MATH201/01 | Calculus I | 3 | | |
| MATH207/02 | Advanced Engng Math | 4 | | |

| Spring 2014 (LIU) | | | | |
|---|---|---|---|---|
| **Course No/Section** | **Title** | **Hours per week** | | |
| | Numerical Analysis | 3 | | |
| | Discrete Math | 3 | | |
| | Calculus I | 3 | | |
| | Calculus I | 3 | | |
| | Numerical Analysis | 3 | | |

| Summer 2014 (LIU) | | | | |
|---|---|---|---|---|
| **Course No/Section** | **Title** | **Hours per week** | | |
| MATH585 | Topology | 3 | Graduate | |
| MATH270 | Differential Equations | 3 | | |

| Fall 2013 (LIU) | | | | |
|---|---|---|---|---|
| **Course No/Section** | **Title** | **Hours per week** | | |
| | Numerical Analysis | 3 | | |
| | Differential Equations | 3 | | |
| | Calculus III | 3 | | |
| | Calculus III | 3 | | |
| | Differential Equations | 3 | | |

12. **Other Duties** (Assigned committee/administration duties performed during the academic year with average hours per week. Indicate which carry extra compensation.)
    a) **Department: MATH Curriculum Committee**
    b) **College level: College Assessment Committee**
    c) **Institution level: Senior Exit Survey Committee, Library Committee, Computing Technology Committee**
    d) **Outside the institution**

13. **Research**
     **Research Grants**

14. **Participation in Specific Programs** Specific program/ workshops in which faculty member has participated to improve teaching and professional competence during last five years.