



CURRICULUM VITAE

C1. Personal Information

Name	: Mohammad Mattar Ali Al-Hatmi
Date of Birth	: 1 January 1977
Place of Birth	: Ibri, Sultanat of Oman
Nationality	: Omani
Civil Status	: Married with three children
Current Address	: Assistant Professor in Mathematics : Department of Basic and Applied Sciences (DBAS) : College of Applied and Health Sciences (CAHS) : A' Sharqiyah University (ASU) : Telephone: (968) 99219879 (GSM) : E-mail: : mohammed.alhatmi@asu.edu.om : hatmi.uk@gmail.com
Websites	: Research Gate https://www.researchgate.net/profile/Mohammed-Al-Hatmi-3 : Google Scholar https://scholar.google.com/citations?hl=en&user=tu5-foAAAAAJ

C2. Education and Employment Information

(a) Education

2022	: Ph.D. in Applied Mathematics Sultan Qaboos University, Oman
Field of Specialization	: Vibrodynamics (Fluid Mechanics).
Title of Dissertation	: Analytical study on the motion of micro-spheres in a viscous fluid driven by flow oscillations.
Supervisor	: Professor Vladimir A. Vladimirov, first and second year. : Professor Anton Purnama, third and fourth year.
2014	: M.Sc. in Applied Mathematics Sultan Qaboos University, Oman
Field of Specialization	: Fluid Dynamics (Heat and Mass Transfer)
Title of Dissertation	: Convective Heat Transfer in Nanofluids.
Supervisor	: Professor Mohammad Mansur Rahman
2000	: B.Sc. Honors in Mathematics Education College, Nizwa, Oman

(b) Employment

Period	Designation & Institution
Sept 2022 -to date	: Full-Time Assistant Professor in Mathematics Department of Basic and Applied Sciences (DBAS) A' Sharqiyah University (ASU) Ibra, Sultanate of Oman.
Sept 2021 – June 2022	: Part-Time Lecturer in Mathematics Department of Basic and Applied Sciences (DBAS) A' Sharqiyah University (ASU) Ibra, Sultanate of Oman.
Jan 2018-Dec 2019	: Part-Time Lecturer in Mathematics Center for preparatory studies (CPS). Sultan Qaboos University (SQU). Muscat, Sultanate of Oman. (Sep 2017 to Apr 2022, I was on Ph.D. study leave).
Feb 2014- Sep 2017	: Supervisor in Mathematics Ministry of Education

Muscat, Sultanate of Oman

Jun 2012- Dec 2013

: Part-Time Lecturer in Mathematics

Center for preparatory studies (CPS).

Sultan Qaboos University (SQU).

Muscat, Sultanate of Oman

(Sep 2010 to Feb 2014, I was on M.Sc. study leave)

Feb 2007- Sep 2010

: Supervisor in Mathematics

Ministry of Education

Muscat, Sultanate of Oman

Sept 2005- Jun 2007

: Senior Teacher in Mathematics

Ministry of Education

Muscat, Sultanate of Oman

Sept 2000- Aug 2005

: Teacher in Mathematics

Ministry of Education

Muscat, Sultanate of Oman

C3. Teaching and Learning

I have gained more than 20 years of teaching experience in 3 different places in Oman; Sultan Qaboos University, A' Sharqiyah University and Ministry of Education. My responsibilities have included teaching undergraduate students and supervising mathematics teachers, working in various committees, and conducting quality research. I have taught many courses in mathematics

i. Courses Taught at A' Sharqiyah University

Summer-2024:

- Ordinary Differential Equations I- MATH221
- Calculus II-MATH102

Spring-2024:

- Ordinary Differential Equations II- MATH421
- Calculus II-MATH102

Fall-2023:

- Ordinary Differential Equations I- MATH221

- Calculus II-MATH102
- Calculus III- MATH406
- Multi Variable Calculus -MATH301
- Introduction to management science-MNGT204.

Spring-2023:

- Ordinary Differential Equations I- MATH221
- Calculus II-MATH102
- Introduction to management science-MNGT204.
- Principles of statistics – STAT105A

Fall-2022:

- Ordinary Differential Equations II- MATH421
- Multivariable Calculus-MATH301
- Calculus II-MATH102
- Calculus I-MATH201E

Spring-2022:

- Calculus II – MATH102.
- General Mathematics-MATH102E.
- Principals of Statices-STAT105.

Fall-2021:

- Pure mathematics- FPAM003A
- Applied mathematics- FPBM001

ii. Courses Taught at Sultan Qaboos University

- Pure mathematics-MATH0108
- Applied mathematics-MATH0107

iii. Course Coordinator

On joining ASU, I capitalized on my previous rigorous teaching experience in various academic positions to commit myself to excellence in teaching and scholarly activities in accordance with the vision and mission of ASU. In recognition of my hard work of teaching, I was given the opportunity to coordinate and manage several multi-section undergraduate courses listed below.

Spring-2024:

- I have coordinated MATH102-Calculus II.
- I have coordinated MATH421- Ordinary Differential Equations II.

Fall-2023:

- I have coordinated MATH102-Calculus II.
- I have coordinated MATH203- Ordinary Differential Equations I.
- I have coordinated Calculus III- MATH406
- I have coordinated Multi Variable Calculus -MATH301.

Spring-2023:

- I have coordinated MATH102-Calculus II.
- I have coordinated MATH203- Ordinary Differential Equations I.
- I have coordinated STAT105A- Principals of Statistics.
- I have coordinated MNGT204- Introduction to management science.

Fall-2022:

- I have coordinated MATH102-Calculus II.
- I have coordinated MATH101E- General Mathematics.
- I have coordinated STAT105A- Principals of Statices.

iii. Mathematics Teachers Advising and Supervision at Ministry of Education

As an academic supervisor, I have been actively contributing to academic and education advising in the Department of Mathematics at two regions, Dhahira and Burimi. I meet my advisees on a regular basis to discuss their multi-faceted problems in connection with their courses and their students, educational problem, various programs they attend, habits, etc. I feel, we should help them to understand the real-life problems of their students and manage their academic life in a better way.

C4. Participation in Curriculum Development/Review and Teaching

Period	Event	Institution
2010	Participating in the Fourth Science Research symposium	Muscat, Ministry of Education
2010	Presenting a workshop on measuring the learning outcomes for Space Engineering Unit	Muscat, Ministry of Education

2009	Presenting a workshop on “Educational Difference among learners and how to deal with them”	Muscat, Ministry of Education
2009	Presenting a workshop on Identification the Needs of Training for Senior Teachers	Muscat, Ministry of Education
2009	Presenting a workshop on Designing Training Programs	Muscat, Ministry of Education
2008	Presenting a workshop on “Triangles calculations”	Muscat, Ministry of Education
2008	Presenting a workshop on “Limits and Integration Functions”	Muscat, Ministry of Education
2008	Presented a workshop on “Learning by Exploring”	Muscat, Ministry of Education
2008	Presenting a workshop on “Individual abilities among learners and how to deal with them”	Muscat, Ministry of Education
2008	Presenting a workshop on “Modern teaching techniques”	Muscat, Ministry of Education
2007	Participating in Mathematics confluence	Dhahira, Ministry of Education

C5. Participation in National and International exams of Mathematics

Period	Event	Institution
2011-2012	Participating in preparing and marking math exams and assignments at Sultan Qaboos University	Sultan Qaboos University
2008	Preparing the final Examination of Mathematics in AlBuraimi gover	Ministry of Education
2007	Supervising the implementation of the math vocabulary in exams for the development knowledge (grades 7-9)	Ministry of Education
2007	Setting the final examination for the eleventh grade of Mathematics	Ministry of Education

2007	Supervising the national exam for the tenth grade in Omani schools	Ministry of Education
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C6. University and Community Services

S.N.	Committee Name	Role	Period
University			
1	Member of College Institution accreditation committee (CAHS QAAA).	Member	Oct 2023-date
2	Member of College Teaching and Learning Committee (CAHS TLC).	Member	Oct 2022-date
3	Focal point for the Cybersecurity program, responsible for offering courses in Fall and spring semesters, responsible on preparing and writing the annual report of the Cybersecurity program. Responsible on preparing and writing the credit hours transfer for accepted students in education mathematics program at college of arts	Chair	Oct 2023-date
4	Responsible on preparing and writing the credit hours transfer for accepted students in education mathematics program at college of arts.	Chair	Oct 2023-date
Ministry of Education			
1	Head of Committee to evaluate the educational initiatives and projects at schools in Al-Dhahera Governorate.	Chair	2009
2	A member in the annual teacher's gathering preparing committee,	Member	2010

C7. Scholarly Achievements and Scientific Contributions

i. Online Research Profile

1- Open Researcher and Contributor ID (ORCID)

Access Date	ORCID ID
Jul 12, 2020	https://orcid.org/0000-0003-4030-3754

2- Google Scholar

Access Date	Researcher ID
June, 2019	https://scholar.google.com/citations?user=530nyLsAAAAJ&hl=en

3- Research Gate

Access Date	Researcher ID
June 25, 2024	https://www.researchgate.net/profile/Mohammed-Al-Hatmi-4

ii. Research Grants

Duration	Project Title (ID)	Budget (OMR)	Funding Agency	Status	Role
2024	Synthesis, Characterization of Magnetic/Polymer composite NPs and effective demulsification and remediation of petrochemical-originated pollutants (BFP/RGP/EI/24/453),	20,000	MoHERI	Submitted	Principal Investigator (Co-PI)
2024	The effectiveness of using a learning environment using virtual reality technology in teaching mathematics to develop achievement and motivation towards learning it among fourth grade students	20,000	MoHERI	Submitted	Member
2023	The phenomenon of students' absence from school before exams and official holidays: its effects and solutions	20,000	MoHERI	Rejected	Principal Investigator (Co-PI)

iii- Publications:

1. Refereed International Journal Papers

- Al-Hatmi, M. M., & Purnama, A. (2024). Analytical Results of the Motion of Oscillating Dumbbell in a Viscous Fluid. *International Journal of Mathematics and Mathematical Sciences*, 2021.
- Al-Hatmi, M. M., & Purnama, A. (2021). On the Motion of Two Microspheres in a Stokes Flow Driven by an External Oscillator Field. *International Journal of Mathematics and Mathematical Sciences*, 2021.
- Rahman, M. M., & Al-Hatmi, M. M. (2014). Hydromagnetic boundary layer flow and heat transfer characteristics of a nanofluid over an inclined stretching surface in the presence of a convective surface: a comprehensive study. *Sultan Qaboos University Journal for Science [SQUJS]*, 19(2), 53-76.

2. Book Chapter

- Al-Hatmi, M. M., (2024). Microspheres Transport in a Viscous Fluid Induced by an External Oscillator Field. *Research and Applications Towards Mathematics and Computer Science*. Vol. 8, 27–42.
<https://doi.org/10.9734/bpi/ratmcs/v8/8525A>

iv. Refereed Conference Presentation [* Presenting author]

Period	Event	Institution
2024	Presented a talk at the Math day.	A' Sharqiyah University
2023	Presented a talk at the University research day	A' Sharqiyah University
2021	Presented a talk at the 5 th INTERNATIONAL CONFERENCE ON MATHEMATICS. "An Istanbul Meeting for World Mathematicians"	Istanbul, Turkey
2019	Presented a talk at the Third Cambridge-Sultan Qaboos University Symposium on Mathematical Modelling	Sultan Qaboos University

2019	Contributing in the organization of the Third Cambridge-Sultan Qaboos University Symposium on Mathematical Modelling	Sultan Qaboos University
2017	Participating in the Fourth International Conference on Numerical Analysis and Optimization (NAOIII 2017)	Sultan Qaboos University
2014	Presented a talk at the Third International Conference on Numerical Analysis and Optimization (NAOIII 2014)	Sultan Qaboos University

iii. Conference Organizing and Scientific Committee

- Participating in the Educational Projects Support Committee. Muscat, Ministry of Education, Oman. 2010.
- Contributing in the organization of the Third Cambridge-Sultan Qaboos University Symposium on Mathematical Modelling. Muscat, Sultan Qaboos University, 2019.

C8. Languages

- Arabic (Mother tongue).
- English (Fluent).

C9. Skills and Abilities

1. Abilities to deal with the difficulties and challenges facing the work environment.
2. Experienced in using Math type, MATLAB, Maple and Latex softwares.
3. Managerial Skill (Team Leader & Working in teams).
4. Multitasking and time management.
5. Presenting material orally.
6. Systematizing and organizing data.

7. Knowledge of research.
8. Knowledge of learning theories in mathematics education.
9. Experience in conducting mathematics education research.
10. Knowledge and training in curriculum and instruction.
11. Ability to integrate the use of online resources in the development of curricular materials.
12. High school teaching experience in diverse settings.
13. Experience advising graduate students.
14. Knowledge of university and department policies of undergraduate programs.
15. Ability to supervise multiple students working independently.
16. Maintaining up-to-date subject knowledge and researching new topic areas, resources, and teaching methods.
17. Evaluating and communicating student progress and liaising with other professionals to discuss individual student needs.
18. Providing a stimulating learning environment in which students can develop to their full potential.