

MOHAMMAD ZUHEIR I. ABU-SBEIH

Associate Professor of Mathematics
Coordinator of Mathematics and Sciences
Al-Fayha College
Al Jubail 31961, Saudi Arabia
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EDUCATION

Ph.D. in Mathematics - December 1983

The [Pennsylvania State University](#),
University Park, State College, Pennsylvania 16802, USA
Area: Graph Theory

PROFESSIONAL EXPERIENCE

- **January 2023 - present**
Associate Professor of Mathematics
Coordinator of Mathematics and Sciences
Al-Fayha College
Al Jubail 31961, Saudi Arabia
- **February 1996 – September 2022**
Associate Professor
Department of Mathematical Sciences
King Fahd University of Petroleum and Minerals
Dhahran 31261, Saudi Arabia
- **September 1984 – January 1996**
Assistant Professor
Department of Mathematical Sciences
King Fahd University of Petroleum and Minerals
Dhahran 31261, Saudi Arabia
- **January 1984 - June 1984,**
Department of Mathematics
Grinnell College, Grinnell, Iowa, USA
Visiting Assistant Professor
- **September 1978 - December 1983**
Teaching assistant/Part-time Instructor
Department of Mathematics
Pennsylvania State University

University Park, Pennsylvania, USA

PROFESSIONAL AFFILIATION

Member of the American Mathematical Society

ACADEMIC ACTIVITIES

- Taught several Graduate and undergraduate Math courses.
- Served as an Undergraduate Academic Advisor to many math student for many years.
- Academic advisor for all Minor students.
- Academic advisor for double major students.
- Served as a member of the M.S. thesis committee for many students.
- Coordinator of Many Math courses.
- Developed three graduate courses for the MS and Ph. D. students, and participated in the development of undergraduate math courses.
- Developed three online courses (Calculus I, II, III).
- Participated in many short courses and workshops.

- **Academic Related Activities and Contributions**
 - Served as a member of a committee to write the Entrance Exam for King Fahd University of Petroleum & Minerals.
 - Served as a member of a committee to write the Entrance Exam for the Girls College in Dammam.
 - Wrote the Ph.D. Entrance Exam in Real Analysis and was a member of the Examining Committee.
 - Served as a member of a committee for reviewing the Math Syllabus for High Schools in the Kingdom.
 - Served as a chairman of the Interview Committee for the post of Grade Assistant and Lecturers.
 - Served as a Chairman of the search committee for Hail Community College.
 - Served as a Chairman of the search committee for Prince Sultan College.
 - Served as a Chairman of the search committee for Hafr Al-Batin College.
 - Member of the University “Critical Thinking Group”.
 - Member of the Scientific Committee on Mathematics Olympiad.
 - Served as a member of a committee on Student Training and Coop.(2016)
 - Member of the Scientific Committee of the Student Scientific Forum. (2016-17)
 - Member of the College Scientific Committee for Saudi Student conference. (2014)

- **Research Interest/ Areas of Expertise**

- Problems in Graph Theory
 - Topological Problems related to Graphs
 - Discrete Mathematic
 - Combinatorics
 - Graph Theoretic Problems related to computers – counting algorithms
 - Mathematics teaching and math Education.
 - Fixed point Theory
- **Funded Research Grants**
 - **Attended many international and local Conferences**
 - **Participated in Conference Talks and Seminars**
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- **Other Research Related Activities**
 - Reviewed a Graph Theory book of 432 pages for the University of Qatar (1996)
 - Refereed many Journal Articles.
 - Refereed many sabbatical leave and conference attendance proposals.
 - Served on five promotion committees to the rank of Associate Professors.
 - I was a member of the organizing committee of a workshop on Algebra (1998).
 - Organized combinatorics group, and the weekly seminar on combinatorics. Jan 5 2009
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- **Journal Editorial Board Member:**
Served as a Member of the Editorial Board to the following Journals
 - *Global Journal of Pure and Applied Mathematics* (GJPAM).
<http://ripublication.com/gjpam.htm>
 - *International Journal of Mathematics and Analysis* (IJMA)
<http://www.serialspub.com>.
 - *Advances in Theoretical and Applied Mathematics* (ATAM),
<http://www.ripublication.com/ataam.htm>
 - *International Journal of Modern Mathematics* (IJMM) **ISBN:1559-3894**
Published by Dixie W Publishing Corporation, USA.
 - *International Journal of Computational and Applied Mathematics* (IJCAM).
<http://www.ripublication.com/ijcam.htm>.

PUBLICATIONS

- Published many Journal papers in international journals.
- Wrote a book on Math Olympiad.
- participated in writing two books on Olympiad and fixed point theory.

COMMITTEES

Served on many committees at KFUPM such as:

- University Committees
- College Committees

- Departmental Committee:

OTHER PROFESSIONAL ACTIVITIES:

- Member of a group to Evaluate The Mathematics and Statistics Programs for Princes Noorah University – Riyadh.
- Member of the board for the University Schools. 2009-
- Translation of Mathematical Abstract for the AJSE. 2008-
- Reviewing a Book Translation on “Online Problem Solving”. 2009
- Reviewed Translations of Problems for SciTech Math Day. 2009
- Peer consultant for many faculty members

أحد المحكمين لمسابقة " أولمبياد الرياضيات العربي الأول " التي أقيمت في جدة عام 2018