

Ishraq Al-Awamleh

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EDUCATION

Doctor of Philosophy, Mathematics, Department of Mathematical Sciences, New Mexico State University, NM, USA, 2017 - now.

Master of Mathematics, Mathematics, Department of Mathematical Sciences, New Mexico State University, NM, USA, 2015 - 2017.

Master of Art and Science, Mathematics, Teaching Mathematics, Department of Mathematics, University of Texas at El Paso, Texas, USA, 2005.

Bachelor of Science, Mathematics, Department of Mathematics and Statistics, Al-Hussein bin Talal University, Ma'an, Jordan, 2010.

Bachelor of Science, Chemical Engineering, Department of Chemical Engineering, University of Technology, Baghdad, Iraq, 2002.

ACADEMIC/TEACHING EXPERIENCE

Graduate Assistant, Mathematics, Department of Mathematical Sciences, New Mexico State University, NM, USA, 2015 - now.

Teaching Assistant, Department of Mathematical Sciences, University of Texas at El Paso, Texas, USA, 2002-2005.

Part Time Lecturer, Department of Mathematical Sciences, Al-Hussein Bin Talal University, Ma'an, Jordan, Spring and summer 2006.

RESEARCH INTERESTS

Non-Linear Parabolic Partial Differential Equations, Mathematics Education, and Visual Assisted Pedagogy.

Courses Taught

At *New Mexico State University*, Las Cruces, NM:

- Calculus II (**Fall 2020**)
- Calculus I (**Spring 2020, Summer 2020**)
- Pre-Calculus and Trigonometry functions (**Spring 2018**)
- College Algebra (**spring 2017, fall 2018, summer 2019, fall 2019**)
- Intermediate Algebra (**fall 2016**)

At *Al-Hussein Bin Talal University*, Jordan:

- Discrete Mathematical Structures (**summer 2006**)
- Mathematics for Classroom Teachers 1 and 2 (**spring 2006**)

Course Development

At *New Mexico State University*, Las Cruces, NM:

- Quantitative Foundation (Summer 2018)

Technical Paper and CONFERENCES

1. **Ishraq Al-Awamleh** "*Al Mkni fi'l-jabr wa'l-muqābala* Exposition of Algebraic Operations by *Ibn Al-Ha'im*" In MathFest, July 26-29, 2017, Chicago, IL.
2. **Ishraq Al-Awamleh** "*Al Mkni fi'l-jabr wa'l-muqābala* Exposition of Algebraic Operations by *Ibn Al-Ha'im*" In MathFest, August 3-6, 2016, Columbus, OH.
3. The Inquiry-Based Learning (IBL) Forum and 19th Annual R.L. Moore Conference, "Expanding IBL throughout Higher Education", August 4, 2016, Columbus, OH.
4. Fares Fraij, Mahmoud Al-Quraan, Victor Winter, Arafat Awajan and **Ishraq Al-Awamleh**. "Software-Assisted Pedagogy for a Mathematics Course." In Proceedings of the International Conference On Excellence In Education 2009: Future Minds and Creativity, Ulm, Germany, 2009
5. **Ishraq Al-Awamleh**, Fares Fraij, "Visual and Interactive Computer-Based Software for Teaching a Mathematic course: an Approach. " Technical Report, Al-Hussein Bin Talal University, Ma'an, Jordan, 2008.

6. **Ishraq Al-Awamleh (Gradaute Research with Hamida Dogan).** "Analysis of student responses on linear algebra questions to document the effect of a set of visual representations. " Department of Mathematics, University of Texas at El Paso, Texas, USA, 2005.

REFERENCES: Will be provided upon request