

Curriculum Vitae (CV)



• **Personal Information:**

- Name: Dr. Eng. Mamdouh MONIF
- E-mail: mm12@au.edu.sy, mmonif65@gmail.com
- Mobile: 0944260876
- Languages: Arabic, English and German

• **Education and Academic Background:**

- PhD in Biomedical Engineering from Technical University of Graz, Austria, 2000.
- Diploma and Master in Biomedical Engineering from Technical University of Graz, Austria, 1996.
- Bachelor's degree in Electronic Engineering from Tishreen University, Syria, 1988.

• **Academic degrees and administrative tasks:**

- Assistant professor: Biomedical Engineering: Feb. 2017
- 2020-to date: Dean of the Faculty of Biomedical Engineering - Al-Andalus University for Medical Sciences.
- 2019-2020: Vice Dean of the Faculty of Biomedical Engineering for Administrative Affairs and students - Al-Andalus University for Medical Sciences.

• **Publications and Scientific Work:**

- Mamdouh Monif, Emad Ebrahim Alkarad: Comparing the Performance of the Cochlear Single- and Multiple-channel Implant: Speech Intelligibility, Auditory Performance. Damascus University Journal, 2017.
- Mamdouh Monif: Prototype model using fuzzy logic in MATLAB to study the thermal distribution and controlling it in tissues during hyperthermia cancer treatment. . Damascus University Journal, 2018.
- Mamdouh Monif, Kinan Mansour, Waad Ammar, and Maan Ammar: Automatic Detection and Extraction of Lungs Cancer Nodules Using Connected Components Labeling and Distance Measure Based Classification, Computer Science & Information Technology (CS & IT), pp. 41-53, 2021. CS & IT - CSCP 2021, "DOI: 10.5121/csit.2021.110705".
- US Patent: "SYSTEMS AND METHODS TO MEASURE FLUID IN A BODY SEGMENT"; Patent No.: US 9895069 B2; Feb. 2018.
- US Patent: "SYSTEMS AND METHODS TO MEASURE FLUID IN A BODY SEGMENT"; Patent No.: US 10098556 B2; Oct. 2018.
- US Patent: "SYSTEMS AND METHODS TO MEASURE FLUID IN A BODY SEGMENT"; 2019
- Mamdouh Monif: Evaluating a Contactless and Continuous method to Measure the Temperature of Premature in the Incubator. Damascus University Journal, 2016.
- Mamdouh Monif: Medical Electrography. Arabic Encyclopedia, 2016.
- Mamdouh Monif: Biomeasurment. Arabic Encyclopedia, 2006.
- In addition to publishing many scientific articles in numerous refereed journals,

• **Vision:**

"Hard and thriving work is the way to long-term success"

سيرة ذاتية (CV)



• المعلومات الشخصية:

- الاسم: الدكتور المهندس ممدوح منيف
- البريد الإلكتروني: mm12@au.edu.sy ، mmonif65@gmail.com
- الهاتف المحمول: 0944260876
- اللغات: العربية - الإنكليزية - الألمانية

• المؤهلات والشهادات العلمية:

- دكتوراه في الهندسة الطبية من جامعة غراتس التقنية، النمسا عام 2000.
- دبلوم وماجستير في الهندسة الطبية من جامعة غراتس التقنية، النمسا عام 1996.
- إجازة في الهندسة الالكترونية من جامعة تشرين عام 1988.

• الدرجات العلمية والمهام الادارية:

- أستاذ مساعد: الهندسة الطبية، شباط 2017
- 2020 حتى تاريخه: عميد كلية الهندسة الطبية – جامعة الأندلس الخاصة للعلوم الطبية.
- 2020-2019: نائب عميد كلية الهندسة الطبية للشؤون الإدارية والطلاب – جامعة الأندلس الخاصة للعلوم الطبية.

• النشر والأعمال العلمية:

- Mamdouh Monif, Emad Ebrahim Alkarad: Comparing the Performance of the Cochlear Single- and Multiple-channel Implant: Speech Intelligibility, Auditory Performance. Damascus University Journal, 2017.
- Mamdouh Monif: Prototype model using fuzzy logic in MATLAB to study the thermal distribution and controlling it in tissues during hyperthermia cancer treatment. . Damascus University Journal, 2018.
- Mamdouh Monif, Kinan Mansour, Waad Ammar, and Maan Ammar: Automatic Detection and Extraction of Lungs Cancer Nodules Using Connected Components Labeling and Distance Measure Based Classification, Computer Science & Information Technology (CS & IT), pp. 41-53, 2021. CS & IT - CSCP 2021, “DOI: 10.5121/csit.2021.110705”.
- US Patent: “SYSTEMS AND METHODS TO MEASURE FLUID IN A BODY SEGMENT”; Patent No.: US 9895069 B2; Feb. 2018.
- US Patent: “SYSTEMS AND METHODS TO MEASURE FLUID IN A BODY SEGMENT”; Patent No.: US 10098556 B2; Oct. 2018.
- US Patent: “SYSTEMS AND METHODS TO MEASURE FLUID IN A BODY SEGMENT”; 2019
- Mamdouh Monif: Evaluating a Contactless and Continuous method to Measure the Temperature of Premature in the Incubator. Damascus University Journal, 2016.
- Mamdouh Monif: Medical Electrography. Arabic Encyclopedia, 2016.
- Mamdouh Monif: Biomeasurment. Arabic Encyclopedia, 2006

• الرؤية:

" العمل الجاد والمثمر هو الطريق إلى النجاح المديد "

