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1. **Name and Academic Rank:** Hiba Abdallah, Assistant Professor, full time
 2. **Education: Degrees, Discipline, Institution and Date:**
Ph.D., Communication and Electronics Engineering, **Beirut Arab University**, 2010
M.S., Communication and Electronics Engineering, **Beirut Arab University**, 2003
B.S., Communication and Electronics Engineering, **Beirut Arab University**, 1996
 3. **Work experience**
 - **Assistant Professor, Fall 2010 – Present (Full-time)**
Electrical and Computer Eng. Dept., Faculty of Engineering, Beirut Arab University (BAU)- Lebanon.
 - **Lecturer, Fall 2004/2005, Spring 2004/2005, Fall 2005/2006 (Part-time)**
Faculty of Engineering, **Lebanese International University (LIU)**, Lebanon.
 - **Teacher Assistant , 1997-2010 (Full-time)**
Faculty of Engineering, Beirut Arab University (BAU), Lebanon.
 - Prepared homework solutions.
 - Graded homework.
 - Performed and assisted the students in lab experiments.
 - Prepared lab exams.
 - Graded lab exams and reports.
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 - **Lab Engineer, 2007-2010 (Full-time)**
Faculty of Engineering, Beirut Arab University (BAU), Lebanon.
 4. **Honors and Awards:**
 - None
 5. **Service activities**
 - I was an academic advisor for 30 undergraduate students each semester.
 - Develop laboratories to support electrical and computer engineering curriculum,
 - Read and stay abreast of current topics in engineering,
 - Providing students with an engaging and challenging environment to learn and develop technology skills
 - Support students through office hours
 - Support students through office hours academically, scientifically and socially.
 - Quality Assurance Activities
 - Prepare course file for every course
 - Improve the QA of the course or material to fulfill Abet requirements
 - Can deliver course material using different teaching methods.
 - Handled the tasks of maintaining proper and timely academic activities of students
 - Assigned the tasks of preparing Schedules and Charts Committee.
 - Participation in Scientific Day Committee and Student Activities Committee.
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- Regularly supervising and monitoring students' work on their senior projects.
- Have conducted several seminars for the undergraduate students of the Electrical Engineering department.
- Have conducted several Workshops in MATLAB, ORCAD (P-SPICE) at the Community service Center directed for Electrical Engineering Department students.

6. Research Interests

- MIMO, UWB, OFDM
- LTE, 5G Technology
- Advanced signal processing techniques at the physical layer

7. International Scientific Activities and Research Cooperation

- None

8. National Research Cooperation

- None

9. Principal publications and presentations:

9.1 Journal Publications

- H. Abdallah, "THE IMPACT OF DOPPLER SHIFT ON THE OSTBC SYSTEM IN VEHICULAR CHANNEL CONDITION", International Journal of Electrical, Electronics and Data Communication, ISSN: 2320-2084 Volume-3, Issue-2, Feb.-2015.

9.2 Papers Book Section

- None

9.3 Selected Conference Proceedings

- M. Abou Yassin, H. Abdallah, "Hybrid Beamforming in Multiple User Massive Multiple Input Multiple Output 5G Communications System," ICEEE, 14-16 April 2020.
- M. Abou Yassin, H. Abdallah, H. Issa, "Universal Filtered Multi-carrier Peak to Average Power Reduction", JCM Vol.14, No.2, March 2019.
- H. Abdallah, "Evaluation Performance Of Multicarrier System Using Hybrid Schemes To Support 5G Technology," Accepted, ICEEE2018, May 2-5, 2018.
- H. Abdallah, O. Abdel Alim, S. Abou Chahine and I. Ghaleb, "Optimized MIMO Transceiver Scheme", IEEE International conference, CCCT 2009, July 10-13, 2009-Orlando, Florida, USA.
- H. Abdallah, I. Ghaleb and S. Abou Chahine, "The Effect of Imperfect Channel Estimation on the Performance of Layered Space Time Receivers", IEEE ISSPIT07, Dec 15-18, 2007, Cairo, Egypt.
- H. Abdallah and O. Abdel Alim, "Adaptive LMTS System under perfect channel estimation", LAAS, November 13-15, 2009, Beirut, Lebanon.
- O. Abdel Alim, H. Abdallah and A. Elaskary, "Simulation of WIMAX Systems", IEEE LCW2008, Beirut, Lebanon.



Beirut Arab University
Electrical & Computer Engineering Department
Communications & Electronics Program

Faculty CV

- El-noubi, S., Abdallah, H. & Abou-Chahine, S., "BER performance of GMSK in Nakagami fading channels", Radio Science Conference, 2004. NRSC 2004. Proceedings of the Twenty-First National.