

# Hana'a Alkhatib

University teacher (Microbiologist)

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Student-centered teacher with expertise in Laboratory medicine. with background supporting students, developing instructional plans and organizing and grading exams and tests. Commended for sustaining effective learning environment through prepared classes and relevant assignments and consistently achieving classroom management and academic goals. Inspiring teacher brings advanced teaching skills and department leadership experience. Goal-oriented to advance department, improve teaching and modernize courses. good background in research and university fundraising.

Detail-oriented team player with strong organizational skills. Ability to handle multiple projects simultaneously with a high degree of accuracy.

## Skills

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Group and individual instruction	☆☆☆☆☆
Progress reporting	☆☆☆☆☆
Student record management	☆☆☆☆☆
Online learning tools	☆☆☆☆☆
Student counselling	☆☆☆☆☆
Classroom management	☆☆☆☆☆
Continuing education	☆☆☆☆☆
Self-motivated	☆☆☆☆☆
Lecturing	☆☆☆☆☆
Classroom presentation	☆☆☆☆☆
Adult education	☆☆☆☆☆
Curriculum development	☆☆☆☆☆
Academic research	☆☆☆☆☆
Performance assessment	☆☆☆☆☆
Student needs assessment	☆☆☆☆☆
Lesson planning	☆☆☆☆☆
Communication skills – verbal and non-verbal	☆☆☆☆☆
Computer skills	☆☆☆☆☆
Microsoft office	☆☆☆☆☆
SPSS	☆☆☆☆☆
Stress management	☆☆☆☆☆
Working within a team	☆☆☆☆☆

## Work History

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- **2022-09 \_ current      University Teacher**  
Polytechnic University, Hebron
  - Taught Courses: medical microbiology laboratory in the faculty of medicine since September 2022, Microbiology laboratory for 3rd Medical students, Parasitology course for Biology department students (Theory), and Parasitology laboratory for Biology department 4th year students, Clinical biochemistry laboratory for dietitians (Nutritionists) 2nd year students.
  - Used variety of learning modalities and support materials to facilitate learning process and accentuate presentations.
  - Shifted between informal and formal methods of teaching to create multi-layered web of learning incorporating experiments, practical activities, discussions, and projects into lessons.
  - Encouraged class discussions by building discussions into lessons, actively soliciting input, asking open-ended questions and using techniques to track student participation.
  - Graded tests and assignments and uploaded to school database.
  - Established and maintained inclusive, collegial and collaborative culture within classroom.
  - Worked with dean to assess and evaluate courses and programs in appropriate discipline.
  - Researched and selected course texts and supplemental learning materials.
  - Maintained regular office hours to provide struggling students with additional course help.
  - Provided students with constructive, encouraging and corrective feedback.
  - Developed diversified course curriculum to meet regulatory standards and support learning objectives.
  - Identified research opportunities for students, assisting with gathering data and drawing conclusions for projects.
  - Created dynamic learning environment that valued instructor and student interaction.
  - Graded quizzes, tests, homework, and projects to provide students with timely academic progress information and feedback.
  - Assessed students' progress and provided feedback to enhance learning.
  - Built strong rapport with students through class discussions and academic advisement.
  - Developed semester outlines and instructional plans for each class session to comply with stated course objectives.
  
- **2016-10 Project Coordinator**  
Ibda'a Association for Palestinian refugees
  - Kept projects on schedule by managing deadlines and adjusting workflows.
  - Supervised multiple projects from project start through delivery by prioritizing needs and delegating assignments.
  - Liaised between departments to facilitate communication and keep appropriate parties updated on project developments.
  - Managed competing demands and professionally adapted to frequent change, delays and unexpected events.
  - Responded to requests for information on materials to inquiring parties.
  - Coordinated venue and catering arrangements, speaker and attendee liaison and material distribution for meetings and events.

## Education

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2010-09 _ 2012-06	<b>Tawjehe: High School</b> <i>Bethlehem high school For girls - Bethlehem</i>
2012-09 _ 2016-06	<b>Bachelor Degree: Major Biology And Minor Medical laboratory Science</b> <i>Bethlehem University – Bethlehem</i>
2019-09 _ 2022-06	<b>Master: Microbiology And Immunology</b> <i>Al-Quds university – Jerusalem</i>

## Accomplishments

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- **Publications: In Al-Quds University Journal: It was about my thesis topic “Cloning and Expression of SARS CoV-2 Surface Protein and its use in Serological Tests”, the study in journal of Al-Quds university Journal.**  
<https://aquja.alquds.edu/index.php/science/article/view/199>

## Additional information

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- Research Interest and Experiences: participating in
- “Cloning and Expression of SARS CoV-2 Surface Protein and its use in Serological Tests”, the study in journal of Al-Quds university Journal, pending the publication.
- “Identification of immunoreactive COVID-19 epitops based on M13 phage display library” pending the publication.
- Detection of Agrobacterium Tumefaciens in soil samples in Palestinian nurseries using PCR, it was my Bachelor seminar project.
- “Evaluation of western blot analysis for the detection of COVID-19 infected and vaccinated serum samples against different viral specific antigen preparations”
- “Development of ELISA immunodiagnostic test for COVID-19 detection in infected human sera”
- Completed course of training as a medical laboratory technician, at the Blood Bank, Blood Draw Lab, and Laboratory, Worked and treated with different samples and tests including serology, chemistry, Hematology, body fluid analysis and phlebotomy. Made the blood bank specialized tests like ABO, Blood group antibodies, syphilis and so on; Became able to draw blood, performed analyses on direct clinical smear, performed analysis of chemical constituents and formed elements of blood, microscopically detected cellular abnormalities in blood. Performed analyses resulting in accurate typing and antibody identification of donor and recipients, assured donor and recipient compatibility, prepared and evaluated blood components for transfusion, and performed analysis of physical, chemical and microscopic constituents of urine and stool. Became familiar with laboratory atmosphere.

## Languages

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Arabic	○○○○○
English	○○○○○
Deutsch (German)	○○○○○
Hebrew	○○○○○

## Certificates, courses and workshop attended

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<b>2022-08</b>	Active coordinator in many summer camps in many Centers in Dheishah Camp
<b>2022-06</b>	Course attendance in the international federation of clinical chemistry and laboratory medicine, live webinar (reliable biological variation estimate-where to find them and how they can safely be applied).
<b>2022-05</b>	Course attendance in the international federation of clinical chemistry and laboratory medicine, live webinar (Data driven operations and machine learning applications in clinical laboratories).
<b>2022-04</b>	Course attendance in the international federation of clinical chemistry and laboratory medicine, live webinar (high sensitivity cardiac troponin assays-clinical applications).
<b>2022-03</b>	Course attendance in the international federation of clinical chemistry and laboratory medicine, live webinar (Covid-19 and laboratory medicine, role in Gorgia).
<b>2019-10</b>	Intensive course in Supporting refugee women psychologically, morally and culturally in Ibda' center in Bethlehem Dehiesha camp
<b>2017-11</b>	Intensive course in personal Marketing Work With Reema & freesha Companie. In Bethlehem and Hebron, Palestine. Offer and promote RIMA & FREEESHA products in terms of quality and how to convince buyers
<b>2017-09</b>	Intensive course in Tele Marketing sales for English Courses in EO study institute, which based on convincing Customers and helping them to improve themselves in English. Bethlehem, Karkafeh street-EO Study Academy
<b>2017-05</b>	60 hours Training course in life skills and Soft Technical skills with Juhoud for community and Rural development.
<b>2016-09</b>	Volunteered in Palestine Museum of Natural History with Pr. Mazin qumseyah
<b>2016-05</b>	Biology Lab Assistant advanced course in Bethlehem University; Worked in preparing for the lab's experiments and preparing the chemical materials, explaining the experiments and produces for the students with the Dr. In the lab
<b>2015-06</b>	Palestinian Oncology society Conference Cancer in Palestine Reality and Challenges done in Bethlehem.
<b>2015-05</b>	Participating in Developing Community Program in Maryam Al-Athra School in Bethlehem
<b>2015-05</b>	Intensive Course in Internet and computer skills and CV writing in Bethlehem University
<b>2015-04</b>	One day training workshop in oncology and Palliative care at Bethlehem University.
	2015-05 volunteer in medical laboratories at Beith-Jala.
<b>2014-07</b>	Our smile is our strength and our life is our hope with Al-Sadeel Society of Palliative care, volunteer in Summer camp.
<b>2011-11</b>	Development of organizations and leadership with Palestinian nursing and midwifery association in Jerusalem.
<b>2010-08</b>	Successful completion of an introductory course in Engineering with the Inspire

- 2010-08** Dream Team at the Phoenix Center in Dheishah Camp (5 hours)  
Introductory course in Engineering with Inspire Dreams at the Phoenix Center in Dheisheh Camp
- 2010-07** Certificate for the successful completion of an intensive course in English with the Inspire Dream Team at the Phoenix Center in Deheshah Camp (25 hours)

### **References**

1- Dr. Rasmi Abu Helu, PhD in immunology, Al-Quds University,  
[rabuhelu@staff.alquds.edu](mailto:rabuhelu@staff.alquds.edu)

2- Mrs. Ferial Yassin  
Director of Primary health care, ministry of health, Ramallah  
[Ferial24@hotmail.com](mailto:Ferial24@hotmail.com)

3- Dr. Ghassan Handal, Ph.D in Bethlehem University  
[ghandal@bethlehem.edu](mailto:ghandal@bethlehem.edu)

4- Dr. Sharaf Musa Al-Tardeh, PhD in Applied Biology, Faculty of  
Applied Science , Palestine Polytechnic University, P.O.  
[sharaft@ppu.edu](mailto:sharaft@ppu.edu)