Omnia Ashraf Saad Ali

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Professional Summary

Resourceful teaching assistant of biophysics with 2 years of experience teaching basic biophysics principles and laboratory research techniques.
Skilled Researcher enthusiastic about supporting advancements in biophysics. Passionate about increasing knowledge to drive growth and needed improvements.

Skills

- Project management
- Data collection
- Data management
- Self-motivation
- Managing classroom for diverse populations
- Kind and empathetic educator

Current job

Teaching assistant, Department of Biophysics, faculty of science, Cairo University-Cairo, Egypt.

Responsibilities and achievements in this role:

1. ***As a teaching assistant***
   - Completed training courses to keep up-to-date with new teaching methods and developments in the field.
   - Pursued professional development continually by attending educational conferences and Faculty and Leadership training workshops.
   - Adapted teaching methods and materials to meet students' varying needs and interests.
   - Worked collaboratively with other teaching assistants to review data and develop instructional strategies to address student learning objectives.
   - Prepared quizzes and tests, and examinations to gauge how well students were learning.

2. ***As a researcher***
   - Targeted research according to specific demographic parameters.
   - Gathered and organized information for research purposes.

- Completed designated tasks with efficiency and accuracy in order to support research objectives.
- Generated data models, performed analysis, documenting data and produced reports outlining results.
- Utilized information to model trends and prepare reports.

EDUCATION

Bachelor of science 2015
Faculty of science Cairo university.

Publications

1. **Alternative Green Chemistry Methods of Silver Nanoparticles Synthesis: Review and Comparison.**

   Fahmy, Heba M., Omnia A. Saad, Heba A. Rashed, Omnia EA Hessen, Khloud HI Elgamal, and Mariam M. Aboelfetouh. "Alternative Green ChemistryMethods of Silver Nanoparticles Synthesis: Review and Comparison." *Journal of Bionanoscience* 11, no. 1 (2017): 7-16.

2. **Silica-coated iron oxide nanoparticles as a novel nano-radiosensitizer for electron therapy**

   Fathy, M. M., Fahmy, H. M., Saad, O. A., & Elshemey, W. M. (2019). Silica-coated iron oxide nanoparticles as a novel nano-radiosensitizer for electron therapy. *Life sciences*, *234*, 116756.