

Nahed Waly

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Summary

Dedicated, innovative Professor with 39 years of experience. Skillful preparing students for personal and professional success through proven teaching methods and motivation.

Skills

- Academic advisement
- Online class discussion
- Class organization
- Faculty communication
- In-class lectures
- Group and individual instruction
- Progress reporting
- Student performance evaluation
- Research and analysis
- Classroom management
- Academic publication
- Curriculum creation

Experience

PROFESSOR | 09/2016 to 01/2019

Cairo University - Cairo, Egypt

- Designed collaborative learning exercises to capitalize on students' resources and skills.
- Formulated well-structured syllabus of course content, detailing learning goals and expected outcomes.
- Evaluated students' individual abilities using tests and personal interviews.
- Used rubrics as tools to define expectations and improve students' overall learning.
- Administered and graded tests and assignments to evaluate student performance and monitor progress.
- Encouraged students to actively participate in class through positive reinforcement and engagement techniques.
- Supervised dissertational research works to aid in publishing research findings.
- Adapted methods of instruction and classroom materials to address individual student needs.

ADJUNCT PROFESSOR | 08/2011 to 06/2016

Drake University - Des Moines, IA, USA

- Kept office hours to help students with questions and educational support.
- Tutored and coached students to help achieve personal and academic goals.
- Wrote and filed reports detailing course activities and student progress.
- Designed exams, lecture material and writing assignments.

- Developed and adjusted course syllabus according to curriculum and university guidelines.
- Documented student assignments, attendance and test scores in online reporting systems.
- Implemented different teaching styles to meet needs of diverse student population.
- Assisted students in achieving completion of learning objectives.

ASSISTANT PROFESSOR | 08/2001 to 08/2011

King Abdul-Aziz University - Jeddah, Saudi Arabia

- Developed course syllabus outlining standards, material, grading and progression for students.
- Evaluated and supervised student activities and performance levels to provide reports on academic progress.
- Provided letters of recommendation and other referrals to students pursuing further education programs or postgraduate employment.
- Directed full classrooms of students to develop various kinds of research.
- Adapted methods of instruction and classroom materials to address individual student needs.
- Mentored and assisted with student-centered activities on campus to establish professional relationships.
- Planned class material to engage students in both online and in-person class environments.
- Attended faculty meetings and participated in student outcome assessments with departmental members.
- Resolved disciplinary issues and escalated major concerns to department head.
- Performed in-depth research and data collection for use in academic publishing projects.
- Tutored students requiring additional assistance to improve overall comprehension of difficult concepts.

LECTURER | 06/1995 to 08/2001

Cairo University - Cairo, Egypt

- Developed and adjusted course syllabus according to curriculum and university guidelines.
- Delivered course lectures using modern technology to enhance student comprehension.
- Instructed students in classroom and lecture environments and explained importance of speech delivery and presentation.
- Documented student assignments, attendance and test scores in online reporting systems.
- Developed and proctored tests to assess student learning progress.
- Created presentations to deliver lectures in classrooms and online learning environments.
- Designed exams, lecture material and writing assignments.
- Engaged with students outside of lecture halls and classrooms through discussions and small group sessions.
- Organized activities and class events to drive learning objectives and promote engagement.
- Advised students on academic paths and questions regarding course content.

ASSISTANT LECTURER | 05/1988 to 05/1995

Cairo University - Cairo, Egypt

- Tutored students requiring additional assistance in mastering concepts.
- Adapted methods of instruction and classroom materials to address individual student needs.
- Used multiple teaching styles, including Videos and Power points styles to meet learning needs of each individual student.
- Participated in continuing development and training to bolster professional teaching skills.
- Evaluated and supervised student activities and performance levels to provide reports on academic progress.

DEMONSTRATOR | 08/1980 to 05/1988

Cairo University - Cairo, Egypt

- Kept demonstration working space organized, clean and hygienic at all times.
- Handed out samples, informational brochures to students.
- Comfortably spoke to large groups of people regarding experience explanation
- Explained the scientific experience and enlightened students on benefits.

Education and Training

- Cairo University - Cairo, Egypt | Ph.D.
- Cairo University - Cairo, Egypt | Master of Science
- Cairo University - Cairo, Egypt | Bachelor of Science

Publications

List of publication:

1. M.Nabil El-Hadidi & N.M Waly (1991) Wood anatomy of some Egyptian woody perennials and its adaptation to Environmental conditions. *Täeckholmia*.13:43-52
2. N.M Waly (1994) The selection of plant fibres and wood in the manufacture of organic household items from the El -Gabalein area, Egypt. Proceeding of the 2nd international workshop on Archaceobotany in northern Africa leister (UK): 267-272
3. N.M Waly (1996) Identified wood specimens from Tut Ankh Amon funerary furniture *Taeckholmia*.16:61-74
4. N.M Waly (1999) Wood anatomical characters of the Egyptian Tamarix species and its taxonomic significance *Täeckholmia* 19(2): 115-125
5. Howida M. ElDeen & N.M Waly (2000) Habitat and floristic diversity in Wadi-Sudr area, south west Sinai. Proceedings of the 1st international conference on Biological Sciences Tanta University Vol. 1:228-247
6. Sh. M. Yousef & N.M Waly (2000) Cosmic catastrophe as a possible cause for forest knocking down prior to petrification 5th International Conference on the Geology of the Arab World, Cairo University
7. N.M.Waly (2001) Papyrus and Papyrus- like paper sheets, their quality in relation to anatomical features *Täeckholmia*.21 (1): 135-141
8. Amal Hosni & N.M Waly (2001) Plantaginaceae in flora of Egypt. *Täeckholmia*.21 (2): 239-255
9. Archeological report (2002) The University of Pennsylvania Museum of Archaeology and Anthropology's Excavations on Bates's Island, Marsa Matruh, Egypt 1985–1989- Published by THE INSTITUTE FOR AEGEAN PREHISTORY ACADEMIC PRESS
10. N.M.Waly (2009) Verifying the scientific name of *Costus* [*Saussurea lappa* ((Decne.)C.B.Clarke.) – Asteraceae---- King Abdel Aziz University journal 21 (2)4
11. N.M.Waly & F.El-Ghamdy (2011) Developing methods for anatomical identification of the genus *Zygophyllum* L. (*Zygophyllaceae*) in Saudi Arabia. Original research. *Life Science Journal*. 8(3): 451-459] (ISSN: 1097-8135).
12. N. M.Waly & Hassen S.Al-Zahrani and Wesam F. Felemban (2012) Taxonomical Studies of Some Acacia Seeds Growing in Saudi Arabia, *Journal of American Science*;8(3): 264-275]. (ISSN: 1545-1003).
13. N. M.Waly & Sabah H. El Gayed (2012), Botanical and Biological studies of *Plectranthus tenuiflorus* (Vatke) Agnew. (Lamiaceae) growing in Saudi Arabia, *International journal of Life Science and Pharma research* Vol. 2/Issue 2/Apr-Jun: 52-64 (ISSN: 2250-0480) 5

14. N.M.Waly & Howida M.Emad (2012), Taxonomical Studies of Some Acacia spp. Growing in Saudi Arabia Bulletin of Environment, Pharmacology and Life Sciences. Volume 1 [10]: 55 – 62 (ISSN 2277 – 1808)
15. Al-Gohary, I.H.; Waly, N.M &. El.Yaman A. (2012), Biosystematics Studies of genus Cenchrus (Poaceae) in Saudi Arabia I-Numerical taxonomy of Cenchrus species. Wulfenia journal Vol. 19, No. 8
Al-Gohary, I.H.; Waly, N.M &. El.Yaman, A. (2012), Biosystematics Studies of genus Cenchrus (Poaceae) in Saudi Arabia II- Genomic Relation among Cenchrus species. Wulfenia journal Vol. 19, No. 8
16. N.M.Waly; El Din, A. E & Jrais, R. N. (2012), Botanical and Biological studies of six parasitic species of family Loranthaceae growing in Kingdom of Saudi Arabia. International Journal of Environmental Sciences Vol. 1 No. 4: 196-205
- 17-Waly, N.M. (2013), Anatomical and Statistical Studies of Six Parasitic Loranthaceae Species. American Journal of Research Communication, 2013, Vol. 1 (4): 317-332. www.usa-journals.com, ISSN: 2325-4076
- 18- Waly, N.M & Abeer S. Atwa. (2013), Anatomical analysis of Genus Eremophila cultivated in Saudi Arabia. Egyptian Journal of Botany. NIDOC, 2013, (21)
- 19- Waly, N.M & Jreis, R.N. (2013), Comparative Morphology of Haustoria and Endophytic Systems in Loranthaceae species in Saudi Arabia. Egyptian Journal of Botany. NIDOC, 2013, (20)
- 20- Anatomical Studies on the Genus *Terminalia* L. (Combretaceae) in Egypt, I- Leaf Structure. *Egypt. J. Bot.* Vol. 60, No.3, pp. 641-657 (2020)
- 21- Ph D thesis 1994
Comparative Analytical and Anatomical Studies of wood and charcoal in Ancient Egypt
22. Master thesis: 1987
Comparative Morphological and Anatomical Studies of the Ancient native wood plants in Egypt

Peer review in

- Taeckholmia Journal, Cairo Herbarium University
- Journal of Botanical Science, Cairo University

Undergraduate courses taught

Drake University, Iowa, USA

- 1) Beginning Arabic 001
- 2) Beginning Arabic 002
- 3) Intermediate Arabic 051
- 4) Intermediate Arabic 052

Cairo University, Egypt

- 1) BIO 440, Plant Economy
- 2) BIO 342, Plant Taxonomy
- 3) BIO 346, Archegoniate
- 4) BIO 475, Flora of Egypt
- 5) BIO 341, Plant Classification
- 6) BIO 243, Plant Anatomy
- 7) BIO 241, General Botany
- 8) BIO 310, Comparative Plant Anatomy

King Abdul-Aziz University, Saudi Arabia

- 1) Bio 241 General Botany.
- 2) Bio 242 Plant systematic
- 3) Bio 341 Plant Anatomy
- 4) Bio 343 Plant Taxonomy 1
- 5) Bio 448 Flora of Saudi Arabia
- 6) Bio 446 Archegoniate
- 7) Bio 491 Seminar
- 8) Bio 333 Algae
- 9) Bio 347 Plant Analysis
- 10) Bio 344 Plant Taxonomy 2(Pollen grains)
- 11) Bio 348 Medicinal Plants in Saudi Arabia
- 12) Bio 440 Economic plants
- 13) Bio 471 Pollution

Post graduate courses taught

1. Advanced plant taxonomy
2. Taxonomy of Gramineae
3. Embryology
4. Advanced plant anatomy
5. Research project