

Fatmah Ali S Alasmary, PhD

Saudi | Riyadh, Saudi Arabia | Email: hfasmary@gmail.com | Phone: (966) 506258414 | **Full professor** |

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COMPETENCIES LIST

Proficient in Arabic & English
Mentoring & Coaching
Supervising Skills

Communication Skills
Relationship Building
Negotiation Skills

Research Skills
Leadership

Technologies: ChemDraw, SciFinder, AutoDock Vina, Web-of-Science, Reaxys, MS Office

WORK EXPERIENCE

KING SAUDI UNIVERSITY, COLLEGE OF SCIENCE – Riyadh, KSA

Vice Chairman

Jul 2021 – Present

- Managing chemistry department in the university.
- Leading research projects in KSU and in KACST and as well as supervising labs.
- Manage a contract for Distinguished Scientist Fellowship Program (DSFP) as KSU counterpart & joint project PI with Prof. Armido Studer since 2021, the highly-cited scientist from University of Munster, Germany.
- Created plans and programs for the department's activities and then put them into action following approval.
- Coordinated with other administrative entities within the institute in order to carry out common tasks.
- Prepared executive programs, cooperative initiatives, and partnerships, specified the conditions for their realization, and coordinated their activation with the appropriate units.
- Participated in the development and implementation of negotiation and understanding processes with the parties targeted for collaboration and partnerships, as well as the evaluation and preparation of reports on their outcomes.
- Prepared regular reports on the department's activities, accomplishments, and suggestions for increasing performance.
- Determined and followed up on the department's needs for human resources, hardware, equipment, software, and other items.
- Followed up on, appraised, and examined existing cooperation programs and projects, reviewed them on an ongoing basis, prepared and submitted monthly reports.
- Supervised the updating and organization of records, data, and statistics relating to the administration's actions, as well as retaining them and utilizing technical skills in dealing with them.

Full professor

Dec 2022- present

- Taught many courses in organic chemistry for undergraduate students as well as for postgraduate students, both MSc & PhD, as following; Fundamentals of Organic Chemistry I & II, Polymers and Petrochemicals, Organic Compounds Spectroscopy, Advanced Stereochemistry, Advanced Organic Synthesis, Advanced Natural Products, Physical Organic Chemistry...
- Participated in the defense board of MSc and PhD thesis applications, according to guidelines and requirements.
- Provided departmental leadership in curriculum development at the course and program level.
- Implemented various methods to develop relationships between the students, teachers, and administration.

Associate Professor**Sep 2018 – Dec 2022**

- Taught many courses in organic chemistry for undergraduate students as well as for postgraduate students, both MSc & PhD, as following; Fundamentals of Organic Chemistry I & II, Polymers and Petrochemicals, Organic Compounds Spectroscopy, Advanced Stereochemistry, Advanced Organic Synthesis, Advanced Natural Products, Physical Organic Chemistry...
- Supervised students from chemistry department on the summer project granted by the student affair deanship, two weeks (1st JUL 2019), University of Florence, Italy.
- Participated in the defense board of MSc and PhD thesis applications, according to guidelines and requirements.
- Provided departmental leadership in curriculum development at the course and program level.
- Implemented various methods to develop relationships between the students, teachers, and administration.

Assistant Professor**Dec 2013 – Sep 2018**

- Supervised students from chemistry department on the summer project granted by the student affair deanship, two weeks starting from 9th JUL 2018, Erciyes University, Turkey.
- Supervised students from chemistry department on the summer project granted by the student affair deanship, two weeks starting from 10th JUL 2017, University of Florence, Italy.
- Connected and engaged with diverse groups on campus and in the wider community.
- Prepared syllabi, instruction materials, coordinated lectures, tests, and evaluations.
- Maintained the highest possible standards of classroom instruction.

Lecturer**Feb 2009 – Dec 2013**

- Supervised and graded all assignments and presentations.
- Encouraged critical thinking and persuasive argumentation.
- Established and maintained good relations with students and staff.
- Offered feedback, edits, guidance, problem-solving, recommendation letters, and moral support.

Teaching Assistant**Jun 2006 – Feb 2009**

- Experienced in supporting students in both a self-contained and general education classroom.
- Prepared lesson materials, bulletin board displays, exhibits, and demonstrations.
- Offered individual instruction for students who performed on various levels.
- Evaluated and graded examinations, assignments, or papers and recorded grades.

Qualifications

PhD, University of Bradford, England**2013**

- Thesis: Synthesis and Evaluation of Selected Benzimidazole Derivatives as Potential Antimicrobial Agents

Master of Science, Chemistry, King Saud University, KSA**2008**

- Thesis: Synthesis and Study of Some Quinoxaline Derivatives

Bachelor of Science, Chemistry, King Saud University, KSA**2001**

- Excellent with Honors
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ADDITIONAL EXPERIENCE

➤ Courses & Workshops

Many workshops (+22) in management, planning and quality development have been taken,
King Saud University **2014-2023**

New Faculty Orientation and Preparation Program, **2016**
King Saud University, Accredited by the Staff and Educational Development Association

Using Different Microwave Equipment Either for Synthesis or Digestion,
CEM, Germany **2016**

Innovative Functionalized Nanomaterials for Biomedical, Sensing and Composites Applications, King
Saud University **2015**

Sixth Annual Winter Enrichment Program, **2015**
King Abdullah University of Science and Technology

Black and Green II – Sustainable Formulations, **2010**
The University of York, UK

"Liquid Crystals: All things bright and beautiful", **2010**
University of Bradford, Norcroft Centre

➤ Committees

Member, Saudi Chemical Association **2004 – Present**

Associate Member, Royal Society of Chemistry **2019 – Present**

Member, American Chemical Society **2019 – Present**

Member, Scientific Research Committee, KSU **2019 – Present**

Coordinator, Development and Quality Committee, KSU **2018 – Present**

Member, Advanced Materials Research Chair, KSU **2017 – Present**

Member, Alumni and Human Resources Committee, KSU **2017 – Present**

Member, Public Relation Committee, 6th International Chemistry Conf. **2016 – 2018**

Member, Labs Committee, KSU **2016 – 2017**

Coordinator, Labs Committee, KSU **2014 – 2017**

➤ Panels

Theses Defense – 1 PhD and 9 MSc in Chemistry and Pharmacy **2016-2023**
King Saud University

Discussion of the Students Research of the 9th Scientific Meeting, **2018**
Student Partnership, King Saud University

6th Scientific Symposium, King Saud University **2015**

National Olympiad for Scientific Creativity, **2014**
Riyadh Region Exhibition – Women – Ibtikar

➤ **Patents**

US 10,137,162 B1 Gastroprotective Extract of Sonchus Oleraceus L

US 10,098,924 B1 Anticancer Extract of Alpinia Officinarum Hance

➤ **Publications (some of my publications below (out of +70) check:**

<https://scholar.google.com/citations?user=aFxrDVoAAAAJ&hl=ar>

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Alasmary F, Snelling A, Zain M, Alafeefy A, Awaad A, Karodia N. Synthesis and Evaluation of Selected Benzimidazole Derivatives as Potential Antimicrobial Agents. *Molecules*. 2015;20(8):15206.

Alasmary FAS, Alnahdi FS, Ben Bacha A, El-Araby AM, Moubayed N, Alafeefy AM, et al. New quinoxalinone inhibitors targeting secreted phospholipase A2 and α -glucosidase. *Journal of Enzyme Inhibition and Medicinal Chemistry*. 2017;32(1):1143-51.

Angeli A, Del Prete S, Osman SM, Alasmary FAS, AlOthman Z, Donald WA, et al. Activation studies of the alpha- and beta-carbonic anhydrases from the pathogenic bacterium *Vibrio cholerae* with amines and amino acids. *J Enzyme Inhib Med Chem*. 2018;33(1):227-33.

Alasmary FAS, Awaad AS, Alafeefy AM, El-Meligy RM, Alqasoumi SI. Novel quinazoline and acetamide derivatives as safe anti-ulcerogenic agent and anti-ulcerative colitis activity. *Saudi Pharmaceutical Journal*. 2017

Altamimi A-MS, Alafeefy AM, Balode A, Vozny I, Pustenko A, El Shikh ME, Alasmary FAS,. Symmetric molecules with 1,4-triazole moieties as potent inhibitors of tumor-associated lactate Dehydrogenase-A. *Journal of Enzyme Inhibition and Medicinal Chemistry*. 2018;33(1):147-50.

Alasmary FAS, Awaad AS, Kamal M, Alqasoumi SI, Zain ME. Antitumor activity of extract and isolated compounds from *Drechslera rostrata* and *Eurotium tonophilum*. *Saudi Pharmaceutical Journal*. 2017.