Aida khajeh Aida.khajeh@hccs.edu

OBJECTIVE

Adjunct Faculty with 10 years' experience teaching chemistry at college and university, looking for a teaching position where I can apply my knowledge and expertise in teaching chemistry.

SUMMARY

- Experienced in organic synthetic methods.
- Ability to solve problems in organic with experimental design.
- Able to come up with intellectual and innovative solutions for chemical problems.
- Highly motivated and creative. Strongly driven to solve challenging problems.

EDUCATION

2008 -2011
- M.Sc. in Chemistry (Organic Chemistry), University of Isfahan, Department of Chemistry

2003-2008
- B.Sc. in Pure Chemistry, IA university of Isfahan, Department of Science

PROFESSIONAL EXPERIENCES

2019 - Present Adjunct Faculty, Lonestar College, Cyfair, Tx

2019 - Present Faculty Science Tutor III, Houston Community College, Tx

2011 - 2016 Adjunct Faculty, IA university of Tehran, Department of Chemistry.
- Teaching Introductory of Chemistry.
- Teaching Organic Chemistry.

2011-2013 Electrochemical society of Iran's expert, Tarbiat Modares University, Department of Chemistry.

PUBLICATIONS

1- "Direct and Efficient Conversion of Tertiary Thioamides to S-2-Oxo Thioesters under Solvent-free Conditions" H. Zali-Boeini, **A. Khajeh**., *Bulletin of the Korean Chemical Society*, 2011

2- "Sulfonated porous carbon catalyzed direct and efficient conversion of tertiary, allylic, and benzylic alcohols to thioesters" H. Zali-Boeini, **A. Khajeh**., *Journal of Sulfur Chemistry*, 2012

SPECIALTIES

- Teach Organic Chemistry, Introductory of Chemistry, General Chemistry, F2F Class and online
- Experience in multi-step organic synthesis, solvent free synthesis, new method development & optimization.
- Comprehensive experience with analytical methods and techniques including high performance liquid chromatography (HPLC), gas chromatography (GC), chiral GC & HPLC, nuclear magnetic resonance (^{1}H, ^{13}C, ^{19}F, ^{31}P, 2-D, solid state NMR), Fourier transform-infrared (FT-IR) and attenuated total reflectance (ATR-IR), BET surface area measurements, X-ray diffraction (XRD), inductively coupled plasma (ICP), thermogravimetric analysis (TGA), GPC, UV-Vis.

CERTIFICATION

- Adjunct certificate program (ACP) from Lonestar college,2021
- Full online teaching from Lonestar college, 2020
- HCC Online learning certificate ,2020
- HPLC/GC, UV from Sharif University of Technology, 2013

COMPUTER SKILLS

- Microsoft Office(Word, Excel, PowerPoint), Chemdraw, D2L, Canvas, Soft Chalk Cloud