

# Dr. Rashid Ghanbaripour

## OBJECTIVE

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Lecturer in chemistry with 11 years' experience teaching chemistry at universities and colleges, looking for a teaching position where I can apply my knowledge and expertise in teaching chemistry.

## SUMMARY

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- Expertise in Canvas, Blackboard, and online teaching templates
- Experienced in the organic/inorganic synthetic methods.
- Ability to solve problems in organic and organometallic chemistry with experimental design.
- Operating of analytical instrument like IR, NMR, Mass spectroscopy, HPLC and GC
- Highly motivated and creative. Strongly driven to solve challenging problems.

## EDUCATION

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- 2019- 2020** • Research Associate, Rice University, Research Advisor: Zachary Ball
- 2016 - 2018** • Postdoctoral Fellow, University of Houston, Research Advisor: T. Randall Lee
- 2010 - 2015** • Ph.D. in Chemistry (Organic Chemistry), Tarbiat Modares University, Department of Chemistry, Research Advisor: Abdolali Alizadeh, GPA 4.0/4.
- 2008 -2010** • M.Sc. in Chemistry (Organic Chemistry), University of Isfahan, Department of Chemistry, Catalyst Division, Research Advisor: Iraj Mohamadpoor, GPA 4.0/4.
- 2002-2007** • B.Sc. in Applied Chemistry, K.N.Toosi University of Technology, Department of Science.

## PROFESSIONAL EXPERIENCES

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- 2021-Now** Lecturer, **Prairie View A&M University**, Department of Chemistry.  
• Teaching General Chemistry, organic Chemistry and Forensic Chemistry.
- 2021-Now** Adjunct Faculty, **San Jacinto College**, Department of Chemistry.  
• Teaching General Chemistry.
- 2018 – Now** Adjunct Faculty, **Houston Community College**, Department of Chemistry.  
• Teaching organic and general Chemistry.
- 2019 - Now** Adjunct Faculty, **Lone Star College**, Department of Chemistry.  
• Teaching Introductory of Chemistry and General Chemistry
- 2018 - 2020** Lecturer, **University of Houston**, Department of Chemistry.  
• Taught General Chemistry Lab.
- 2020 - 2021** Lecturer, **University of Houston-Clear Lake**, Department of Chemistry.  
Taught Organic Chemistry Lab.
- 2021-2022**  
Adjunct Faculty, **University of St. Thomas**, Department of Chemistry.  
• Teaching labs for General Chemistry 1 and 2 and Organic Chemistry 1
- 2010-2015** Research Assistant, Tarbiat Modares University, Department of Chemistry.  
• Synthesized broad new heterocyclic compound and small molecules by development of new strategies and published fourteen peer-review articles involving:

## HONORS & AWARDS

- 2016** Iran National Elites Foundation Award  
**2015** Ranked 1<sup>st</sup> among Ph.D students of organic chemistry at Tarbiat Modares University  
**2010** Ranked 1<sup>st</sup> among master students of organic chemistry at University of Isfahan

## PUBLICATIONS

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- 1- "Contrasting Transport and Electrostatic Properties of Selectively Fluorinated Alkanethiol Monolayers with Embedded Dipoles" Bruce, R.; You, L.; Förster, A.; Pookpanratana, S.; Pomerenk, O.; Lee, H. J.; Marquez, M.; **Ghanbaripour, R.**; Zenasni, O.; Lee, T. R.; Hacker, C. *J. Phys. Chem. C*, **2018**, *122*, 4881-4890.
- 2- "A Synthesis of Benzothiazole and Indoles by Direct C (SP<sup>2</sup>)-I Activation Catalyzed by Copper (II) on Silica-Coated Magnetite Nanoparticles" Moghadam, F. K.; Jarrah, N.; Mashayekh-Salehi, A.; **Ghanbaripour, R.**;<sup>\*</sup> *Synlett* **2016**, *27*, 1665-1668.
- 3- "Anchoring of Copper (II) Schiff Base Complex into Fe<sub>3</sub>O<sub>4</sub>@SiO<sub>2</sub> Nano Particles: a Magnetically Separable Catalyst for Oxidative C-O Coupling Reaction via Direct C (SP<sup>2</sup>)-H and C (SP<sup>3</sup>)-H Bond Activation" **Ghanbaripour, R.**;<sup>\*</sup> Samadizadeh, M.; Honarpisheh, G.; Abdolmohamadi, M. *Synlett* **2015**, *26*, 2117-2120.
- 4- "A new route for the synthesis of 1,3,4-trisubstituted pyrazolo[4,3-*c*]quinolines via a multicomponent reaction" Alizadeh, A.; Moafi, L.; **Ghanbaripour, R.**; Hossein Abadi, M.; Zhu, Z.; Kubicki, M. *Tetrahedron* **2015**, *71*, 3495-3499.
- 5- "Synthesis of 3-[(Coumarinyl)carbonyl]-3a,8b-dihydroindeno[1,2-*b*]pyrrole-4(1H)-ones and Their Conversion to Coumarin Bearing Spiro[isobenzofuran-1,2'-pyrrole] Moiety Compounds via Oxidative Cleavage Reaction" Alizadeh, A.; **Ghanbaripour, R.**; Feizabadi, M.; Zhu, L. G.; Dusek, M." *RSC Advances* **2015**, *5*, 80518-80525.

## PRESENTATIONS

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- 1- Oral Talk, "Synthesis and Characterization of Methyl-Terminated Partially Fluorinated Alkanethiols.", **Ghanbaripour, R.**; Lee, T. R., Texas Soft Matter 6<sup>th</sup> Meeting, **2017** University of Houston.