



## **Postdoctoral positions in the Zerze lab (GHZ) on computational modeling and simulations of protein condensates**

The William A. Brookshire Department of Chemical & Biomolecular Engineering in the Cullen College of Engineering of the University of Houston invites candidates to apply for one or more postdoctoral fellow or research faculty positions that are available in the Zerze Lab to work on molecular modeling and simulations of protein phase behavior. Research involves developing models; simulation and analysis techniques to study cancer-related transcriptional condensates. A Ph.D. in Chemical Engineering (or a related discipline) is required with a solid background in statistical mechanics and appropriate research experience in molecular simulations and biophysics (or related fields). Experience in machine learning techniques, coarse-graining, advanced sampling techniques, or empirical force fields is a plus. Candidates close to defending their Ph.D. dissertation will be considered for postdoctoral fellow positions. More experienced candidates will be considered for research faculty positions. Competitive candidates are expected to have excellent oral and written communication skills and a strong publication record for their career level.

Applicants should submit: (1) a cover letter describing their research interests, relevant experience, and career goals; (2) current CV; and (3) names and contact information of at least two references to Prof. Gül Zerze, [gzerze@uh.edu](mailto:gzerze@uh.edu).

Appointments will be effective as early as January 1, 2022, and applications will be considered on a rolling basis until all positions are filled. Initial appointments will be for one year, with the possibility of renewal pending satisfactory performance. The salary will be within the appropriate University of Houston pay scale and commensurate with experience and qualifications. The positions are eligible to receive full benefits.

The University of Houston is an equal opportunity employer and is committed to diversity, equity, and inclusion in academia. We encourage applications from candidates belonging to all underrepresented groups in STEM. The hiring of qualified applicants will be made without regard for the applicant's race, color, religion, sex (including gender identity, sexual orientation, and pregnancy), age, national origin, disability, or veteran status.