جامعة نيويورك أبوظبي

NYU | ABU DHABI

Synthesis and Characterization of Porous Materials for Storage and Sensing

---

POSITION TITLE: **RESEARCH ASSISTANT – TRABOLSI RESEARCH GROUP**

RESEARCH PROJECT TITLE: **SYNTHESIS AND CHARACTERIZATION OF POROUS MATERIALS FOR STORAGE AND SENSING**

FACULTY NAME & TITLE: **ALI TRABOLSI, ASSISTANT PROFESSOR OF CHEMISTRY**

RESEARCH PROJECT DESCRIPTION

During the past decade, much attention has been devoted to the design and preparation of multidimensional coordination polymers due to their desirable physical and chemical properties and wide range of potential applications. Self-assembled coordination polymers have been of particular interest due to the ease of their preparation, and structural modification various functionalities. The proposed research project aims at synthesizing organic building blocks for the ultimate preparation of covalent organic polymers (COPs) and metal-organic frameworks (MOFs).

RESPONSIBILITIES OF THE POSITION

- Synthesis and Characterization of organic building blocks for the synthesis of porous materials metal-organic frameworks

ESSENTIAL QUALIFICATIONS:

BSc or MSc in chemistry with experience or interest in organic chemistry

PREFERRED EXPERIENCE / SKILLS:

In addition to the necessary knowledge of science and chemistry, a research must be curious about the natural world and the ability to come up and develop new experiments. He/she will be required to work and collaborate with other scientists within the group as well as from different fields. This ability to work in a team setting and communicate with others is very important. Lab research work experience is an asset.

APPLICANTS TO PROVIDE:

1. Statement of interest in the position
2. Transcript of degree(s)
3. CV

جامعة نيويورك أبوظبي

NYU | ABU DHABI

4. Two letters of recommendation