

Intern - Materials Science

Smart Materials Lab

NYU Abu Dhabi

The Smart Materials Lab, New York University Abu Dhabi, seeks to recruit an intern to work in the position of student intern on preparation, characterization and application of new smart materials for advanced electronics, robotics, water-harvesting and biomedical applications.

The successful applicant will work closely with the knowledgeable experts at Naumov's Smart Materials Lab (SML), the leading research team in materials science in the country, which has over a decade of experience. The lab focuses on developing new materials that have the potential to revolutionize technologies for the betterment of humanity.

SML has pioneered the discovery and application of organic crystals as a new class of materials, which are now being explored for a multitude of applications, including water harvesting, flexible electronics, and soft robotics. Our research group is particularly interested in the applications of these materials under extreme conditions, as well as their unusual properties, such as self-healing and shape memory effects. Our work has garnered international acclaim, with over 300 publications to date.

Members of SML possess a broad range of sophisticated skills in diffraction, microscopy, analysis, and synthesis. Through a specially designed training program, the student will have the opportunity to enhance their skill set by collaborating with experienced scientists, including postdoctoral associates and research scientists, and by utilizing the state-of-the-art facilities available through our Core Technology Platforms (CTPs).

Applicants must have experience with working in chemistry or materials science laboratories.

For consideration, applicants need to submit a curriculum vitae and 1 letter of reference, all in PDF format. If you have any questions, please email Prof. Panče Naumov at pn21@nyu.edu.

The internship opportunity is competitive. Applications will be accepted during a short timeframe during Spring and Fall terms. Shortlisted candidates will be notified within a month of the application deadline.

About NYUAD:

NYU Abu Dhabi is a degree-granting research university with a fully integrated liberal arts and science undergraduate program in the Arts, Sciences, Social Sciences, Humanities, and Engineering. NYU Abu Dhabi, NYU New York, and NYU Shanghai, form the backbone of NYU's global network university, an interconnected network of portal campuses and academic centers across six continents that enable seamless international mobility of students and faculty in their pursuit of academic and scholarly activity. This global university represents a transformative shift in higher education, one in which the intellectual and creative endeavors of academia are shaped and examined through an international and multicultural perspective. As a major intellectual hub at the crossroads of the Arab world, NYUAD

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serves as a center for scholarly thought, advanced research, knowledge creation, and sharing, through its academic, research, and creative activities.

EOE/AA/Minorities/Females/Vet/Disabled/Sexual Orientation/Gender Identity Employer

UAE Nationals are encouraged to apply