

Postdoctoral Associate in Biomedical Integrated Circuit Design
New York University Abu Dhabi

The [Integrated BioElectronics Lab](#) (led by Prof. Sohmyung Ha) at [New York University Abu Dhabi \(NYUAD\)](#) invites applications for multi-year fully-funded Post-Doctoral research associate positions to work on design and validation of *implantable glucose sensors*, and/or *wearable biomedical sensors*.

The ideal candidate is required to have the following expertise:

- IC design, tape-out and experimental validation
 - o Biomedical, analog, RF, digital and/or power management circuits

In addition, the experience on the followings will be preferred:

- PCB board design
- Biochemical sensor design
- Wearable or implantable sensors
- *in vitro* or *in vivo* neural recording/stimulation experiments
- FEM modeling with HFSS or COMSOL

A highly qualified candidate may also be considered for a Research Scientist position.

NYUAD is ranked #1 in the UAE by the Nature Index for high-quality research output while offering a stimulating research environment led by a distinguished research community and supported by state-of-the-art research facilities. You can find more about NYUAD research at the below link:

<https://nyuad.nyu.edu/en/research/impact/our-research.html>

The terms of employment are highly attractive: a very competitive salary, generous monthly housing allowance, home-leave travel allowance, relocation benefits, and medical insurance and educational subsidies for dependents.

The preferred starting date of the appointment is April 1st, 2019 or at the earliest. Applications will be reviewed on a rolling basis, and the position will remain open until filled by qualified candidates. To apply for the position, please email sohmyung@nyu.edu or apply at the following link: <https://apply.interfolio.com/60124>. All applicants must submit a cover letter, CV, statement of research accomplishments and interests, contact information for 2-3 references, and copies of 2-3 representative publications, all in PDF format. If you have any questions, please email Prof. Sohmyung Ha at sohmyung@nyu.edu.

About NYU Abu Dhabi:

New York University has established itself as a Global Network University, a multi-site, organically connected network encompassing key global cities and idea capitals. The network has three foundational degree-granting campuses: New York, Abu Dhabi, and Shanghai, complimented by a network of eleven research and study-away sites across five continents. Faculty and students will circulate within this global network in pursuit of common research interests and the promotion of cross-cultural and interdisciplinary solutions for problems both local and global.

جامعة نيويورك أبوظبي



Entering its seventh year, NYU Abu Dhabi has recruited a cohort of faculty who are at once distinguished in their research and teaching. Our students are drawn from around the world and surpass all traditional recruitment benchmarks, both US and global. NYU Abu Dhabi's highly selective liberal arts enterprise is complimented by an institute for advanced research, sponsoring cutting-edge projects across the Arts, Humanities, Social Sciences, Sciences, and Engineering.

EOE/Minorities/Females/Vet/Disabled