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**Research Associate in Device Measurement and Fabrication  
EPSRC Future Compound Semiconductor Manufacturing Hub  
Grade 7: £34,056 - £34,984 per annum,  
Inclusive of London Allowance of £2980 per annum.**

**Reference: 1641478**

We wish to recruit a Research Associate from 1<sup>st</sup> June 2017 or as soon as possible thereafter to work on an EPSRC project with the ambition of the establishment of the UK as the primary global research and manufacturing hub for Compound Semiconductor Technologies: “**Future Compound Semiconductor Manufacturing Hub**”. This project is a collaborative project with Cardiff University, Sheffield University, and Manchester University. The duration of the appointments will be 24 months in the first instance. Further funding to support the post may be available.

The project is at the cutting edge of compound semiconductors. We aim to combine and connect the UK research excellence in compound semiconductors, with the very best translational facilities and the new Compound Semiconductor Catapult to support the UK compound semiconductor industry and UK industry users of compound semiconductors. One of the tasks of University College London is to carry out the measurement and fabrication of III-V/Si QD light sources and semiconductor optical amplifiers on silicon substrates. This Research Associate will be part of Photonics Group, and work under the supervision of Professor Huiyun Liu and Professor Alwyn Seeds with materials grown within the state-of-the-art Molecular Beam Epitaxy (MBE) Facility in the Department of Electronic and Electrical Engineering and will use the advanced device measurement facilities in the Department of Electronic and Electrical Engineering and the advanced device-processing facilities in the London Centre for Nanotechnology.

A first degree in engineering or a physical sciences subject, and proven capability in the measurement and fabrication of advanced opto-electronic devices is required for this post. Candidates should hold, or be about to obtain, a PhD in a relevant area of semiconductor technology.

The post is Grade 7, point 29-30, £34,056 - £34,984 per annum, inclusive of London Allowance of £2980 per annum.

However if the successful candidate has not completed their PhD yet, appointment will be made as a Research Assistant. Research Assistant: Grade 6B, point 24-26. Salary range £29,089 to £31,432 pa (inc. London Allowance of £2980 pa).

Interested applicants are encouraged to make informal enquiries to Professor Huiyun Liu, [huiyun.liu@ucl.ac.uk](mailto:huiyun.liu@ucl.ac.uk), 020 7679 3983, or Professor Alwyn Seeds, [a.seeds@ucl.ac.uk](mailto:a.seeds@ucl.ac.uk), 020 7679 7928.

All applications should be submitted via the UCL online recruitment system at the following link:

<http://www.ucl.ac.uk/hr/jobs> and search for reference **1641478**

You will need to upload the following documents with your application:

CV (including the names and contact details of at least two referees who may be contacted prior to interview)

An up to date list of publications

If you experience any problems, please contact Vicky Coombes at [v.coombes@ee.ucl.ac.uk](mailto:v.coombes@ee.ucl.ac.uk) quoting reference 1641478

Please do not send CVs direct.

The closing date for applications is 14<sup>th</sup> May 2017

UCL Taking Action for Equality