

Job Details

Position:	Lecturer in Sonic Arts
School/Department:	School of Creative Arts
Reference:	12/102102
Closing Date:	Monday 9 July 2012
Salary:	£32,901 to £48,246 per annum (including contribution points)
Anticipated Interview Date:	Wednesday 15 August 2012 and Thursday 16 August 2012

JOB PURPOSE:

To undertake research in line with the School's research strategy, to teach at undergraduate and postgraduate level, and to contribute to School administration/outreach activity.

MAJOR DUTIES:

Research:

1. Develop and plan an area of research and expertise in the field of Sonic Arts and undertake research as a member of the Sonic Arts Research Centre.
2. Contribute to and publish research in appropriate refereed journals etc and present work at national/international conferences.
3. Seek for external funding in collaboration with others from the relevant funding bodies to ensure continued growth of SARC's research profile.
4. Direct, coach and develop staff and students on own specialist area.
5. Collaborate on original research with colleagues in other institutions including those of strategic importance to the School.

Teaching:

1. Deliver teaching and assessment activities within own area of specialism including lectures, setting/marking coursework, practicals, and field work to undergraduates and postgraduates.
2. Select appropriate assessment instruments and criteria, assess the work and progress of students by reference to the criteria and provide constructive feedback to students.
3. Seek ways of improving performance by reflecting on teaching design and delivery and obtaining and analysing feedback.
4. Oversee research students as directed by Head of School.
5. Supervise practical work where it is part of the course, and advise students on techniques.
6. Plan and develop independent teaching contributions and contribute to the design or revision of course units.
7. Help to develop appropriate teaching approaches and contribute to curriculum development.

Administration/Contribution to the Community:

1. Contribute to the School's outreach strategy by developing external links.
2. Provide pastoral care for students within own area to ensure that all issues are dealt with in a timely, sympathetic and effective manner.
3. Carry out designated routine School administrative duties, including, for example, committee work, course administration etc.
4. Be responsible for the record-keeping associated with teaching and the preparation of teaching materials.

Planning and Organising:

1. Plan and manage own teaching and tutorials as agreed with Head of School/mentor.
2. Design/update modules in line with School's education strategy.
3. Plan and prepare research papers to meet publication deadlines.
4. Prepare research proposals for submission for external funding.

Resource Management Responsibilities:

1. Use teaching and research resources, laboratories and workshops as required.

2. Co-manage, where appropriate, with grant holder external funding relating to research project.
3. Act as mentor for students.

Internal and External Relationships:

1. Member of the School Board and Examination Board and such committees relevant to administrative duties.
2. Collaborate with other staff within School.
3. Involved in developing links or joining external networks to share information and ideas.
4. Contribute to the School's outreach programme by establishing links with local community groups, industries etc.

ESSENTIAL CRITERIA:

1. At least a 2.1 honours degree in Electrical and Electronic Engineering, Computer Science or a related discipline.
2. A completed PhD in a relevant field or near completion.
3. Evidence of experience appropriate to stage.
4. A publication record in peer reviewed journals /conference papers/other forms of research output.
5. Research interests that are sustainable and which complement or enhance research activities of the Sonic Arts Research Centre.
6. A minimum of 3 years research experience in one or more of the following areas: digital signal processing for audio, digital music processing, spatial audio, performance technologies, HCI, software design, recording and production.
7. Potential to earn external research income.
8. Ability to contribute to REF 2014.
9. Teaching experience at tertiary level appropriate to stage of career.
10. Ability to contribute to broader management and administrative processes.
11. High level of analytical capability.
12. Ability to communicate complex information clearly.
13. Effective interpersonal skills.
14. Engagement in continuous professional development.
15. Ability to assess and organise resources.
16. Ability to work outside normal working hours to attend concerts and related events.

DESIRABLE CRITERIA:

1. PGCHET and/or membership of an appropriate professional and/or teaching body eg. HEA.
2. Interdisciplinary research experience.
3. Interest in knowledge transfer and outreach activities leading to research impact outside academia.
4. Direct experience in research funding applications through the UK research councils, or other funding bodies.
5. Experience in course design and programme administration.
6. Experience of teaching topics such as computer programming, dsp, interaction design.