UNIVERSIDAD D SEVILLA
Facultad de Medicina
Depto. Fisiología Médica y Biofísica
Avda. Sánchez Pizjuán, 4
E-41009 SEVILLA - ESPAÑA
Telf. +34.95.455.1768/ 455.1770/ 455.9864 (directo)
Fax: +34.95.455.1769
E-mail: alplaza@us.es

Prof. Dr. Antonio Leal Plaza
Física Médica

Two research positions are vacant to work in the University of Seville in Medical Physics under the supervision of Antonio Leal Plaza.

Research lines:

Volumetric Modulated Arc Therapy; Image-Guided Radiation Therapy; Adaptive Radiation Therapy.

Job qualifications:

- Outstanding academic credentials. The applicant must hold a recent Master degree preferable in Medical Physics or in process to achieve the master degree.
- Eagerness to take initiative and solve intricate problems.
- Time-management skills and ability to work in group effectively with minimal supervision.
- Excellent understanding of the physics of radiation.
- Programming experience and Monte Carlo simulation.
- Analytical writing skills and intellectual creativity.

Researchers are expected to achieve scientific contributions and develop novel protocols and procedures. Experiments will involve tasks in clinical institutions with linacs, dosimetry detection devices, electronic portal imaging devices, and tasks related to scientific programming with clusters and high power computational systems.

Commitment:

Full-time, along 2012, last for one year, with an option to renew for a second year by mutual agreement of the professor and the researcher. Salary will be commensurate with experience and degree, ranging from €23K to €26K gross income in the first year. Applications will start being considered from now until the end of January 2012.

Initial applications should include:

- A complete CV including scientific production list and previous professional experiences.
- A statement about what sort of project you would be interested in the case of aspiring to the PhD degree.
- A statement about when you would be available to start.
- A list of two potential referees (references will not be required until after an initial selection).

Sevilla, 17th of December, 2011