



L-Università  
ta' Malta

Human Resources  
Management &  
Development Office

University of Malta  
Msida MSD 2080, Malta

Tel: +356 2340 2810  
hrmd@um.edu.mt

[www.um.edu.mt](http://www.um.edu.mt)

## Call for Applications

### Post/s of Part-Time or Full-Time Research Support Officer I or/and II or/and III

#### FIHI - FUSION R&I Technology Development Programme 2017

#### *Food Inspection using Hyperspectral Imaging (FIHI)*

#### And any other projects undertaken by the Centre for Biomedical Cybernetics and the Department of Food Sciences and Nutrition, Faculty of Health Sciences

1. Applications are invited for a full-time or part-time Research Support Officer to work on the FIHI project. FIHI is a project supported by the Malta Council for Science and Tehcnology (MCST) FUSION R&I Technology Development Programme in which the University of Malta is a coordinator. The Reseach Support Officer may also be required to work on other projects undertaken by the Centre for Biomedical Cybernetics and the Department of Food Sciences and Nutrition.
  2. Applicants must be in possession of a first degree (BSc) (for Research Support Officer I), or MSc (for Research Support Officer II) or a PhD (for Research Support Officer III), ideally in one or more of the following areas: Food Science and Technology (with experience in Microbiology or Mycology), Engineering, ICT or related areas (with experience in Image Processing). Very good knowledge of English is a prerequisite. Familiarity with quantitative research methods in Food Mycology or Food Microbiology, and/or image processing and previous experience in report writing will be considered an asset.
  3. The post is for an initial period of one year and carries the following initial remuneration:  
Research Support Officer I - €20,800 per annum or €10 per hour;  
Research Support Officer II - €24,960 per annum or €12 per hour;  
Research Support Officer III - €31,200 per annum or €15 per hour.
  4. Candidates must submit their letter of application including a one page of motivation letter, a copy of their curriculum vitae including the contact details of 2 referees and a copy of their certificates by e-mail to [projects.hrmd@um.edu.mt](mailto:projects.hrmd@um.edu.mt) by not later than **Monday, 4th February 2018**.
- Late applications will not be considered.**
5. Further information may be obtained from the Office of Human Resources Management & Development or from the website: <http://www.um.edu.mt/hrmd/vacancies>.

Office of the University,  
Msida, 15<sup>th</sup> January 2018



The Malta Council for  
Science & Technology

## Call for Applications

### Post/s of Full-Time or Part-Time Research Support Officer I or/and II or/and III

#### FIHI - FUSION R&I Technology Development Programme 2017

##### *Food Inspection using Hyperspectral Imaging*

Centre for Biomedical Cybernetics and the Department of Food Sciences and Nutrition, Faculty of Health Sciences

---

#### Further Information

1. The Research Support Officer will be responsible for the execution of a number of tasks related to the FUSION R&I Technology Development Programme, entitled Food Inspection using Hyperspectral Imaging (FIHI) in which University of Malta is a co-ordinator. The Research Support Officer I or II or III will work in a series of microbial studies aiming at the development and application of an imaging system that provides a non-contact and non-destructive approach for the early detection of microbial contaminants that are responsible for food spoilage, with a focus on slow-growing fungi in dairy products. On one hand research activities will include image analysis, data acquisition and application of chemometric analysis, while on the other hand microbiological analysis and challenge tests will be applied. Depending on the background of the Research Support Officer the person should be willing to get involved in the area of chemometrics or food microbiology. The project is run in collaboration with a food company in Gozo. Regular sites visits will be organised and the **candidate should be willing to spend some time visiting the partner industrial site and setting up research activities in Gozo.** Further information about FIHI may be obtained from Dr Owen Falzon at [owen.falzon@um.edu.mt](mailto:owen.falzon@um.edu.mt). The Research Support Officer may also be required to work on other projects undertaken by the Centre for Biomedical Cybernetics and the Department of Food Sciences and Nutrition.
2. The main duties and responsibilities will consist of carrying out duties including:
  - a. Researching and reviewing of texts (papers, books and other academic publications) relevant to the research topic;
  - b. Undertaking quantitative laboratory research on one or more of the following: image analysis, chemometrics, food microbiology and food mycology, depending on the background of the applicant;
  - c. Co-ordination of work with other members taking part in the project and project partners;
  - d. Analysis of research findings;
  - e. Preparing and/or writing of reports, presentations, posters, papers, books, patents and other academic publications relevant to the research topic;
  - f. Attending meetings including national and international consortium meetings, conferences and seminars related to the project and to present work carried out in this project at such meetings;

- g. Writing and taking responsibility of reports based on results including but not limited to the reports which are required for the project;
  - h. Organization of dissemination activities relating to the project; and
  - i. Any other work required by the University.
2. The appointees are expected to work at such places and during such hours as may be determined by the University authorities.
  3. The selection procedure will involve:
    - a. scrutiny of qualifications and experience claimed and supported by testimonials and/or certificates (copies to be included with the application); and
    - b. an interview and / or extended interview.
  4. The post is for an initial period of one year, which will be subject to a probationary period and to the provisions of the Statutes, Regulations and Bye-Laws of the University of Malta which are now or which may hereafter be in force.

Office of the University,  
Msida, 15<sup>th</sup> January 2018