

The Complementary Training Courses offered by the European Vision Institute ('EVI') are specially dedicated to Young Researchers of all scientific fields. For detailed information on availability and costs please contact: [info@europeanvisioninstitute](mailto:info@europeanvisioninstitute)

## **GENERAL MANAGEMENT**

**'EVI' Courses No E01-09**

"Soft skills" refer to a very diverse range of abilities such as: self-awareness, analytical thinking, leadership skills, team-building skills, flexibility, ability to communicate effectively, creativity, problem-solving skills, listening skills, diplomacy and change-readiness. Soft skills represent one of the fundamental attributes that the new knowledge-based economy seems to be demanding from scientists and research organizations.

### **Emotional Intelligence**

**'EVI' Course No E01**

### **Planning Research and Time Management**

**'EVI' Course No E02**

### **A Touch of Persuasion**

**'EVI' Course No E03**

### **Managing Change and Transition**

**'EVI' Course No E04**

### **Coaching for Success / Develop your Creativity**

**'EVI' Course No E05**

Very few people reach their full effectiveness without help. Most of us have abilities that we do not use to their full potential. We have dreams that we abandon because it seems that life gets in the way. Many graduate students are unable to find the support they need once their only task is to complete their dissertations. In this workshop graduate students, especially doctoral students and postdocs, that covers a wide variety of issues and obstacles that can and do interfere with their progress toward their degrees. It covers a broad range of topics, such as the challenges of writing, literature reviews, resources for new doctoral students, alternative career options, making effective presentations of your work, how to find and get funding, and parenting, just to name a few. This experience was key in helping us to develop courses that could deal with some of the major psychological obstacles of the dissertation process that can hold students back - e.g., writer's block, procrastination, dealing with the "perfectionism trap," staying motivated and on time, fear of failure, fear of success, etc. The presentations will be upbeat and pragmatic, generously illustrated with practical tips and strategies for dealing with problems and obstacles.

### **Understanding Differences across Cultures**

**'EVI' Course No E06**

### **Basic Legal Awareness**

**'EVI' Course No E07**

In day-to-day work, we need to be aware of the legal frameworks which can affect us and our work. Although you may come from different countries or geographies, this basic course should raise your awareness for a number of subjects that apply to you all. Most research work is funded by third parties and a large portion of time will be spent applying to central bodies such as the EU, etc or to companies for funding. You need to be aware that these bodies rarely offer money or other support for purely altruistic reasons: they want results and also potentially the rights to these results. So you need to have a basic understanding of contracts and intellectual property rights and we are going to touch on contracts, LOI (Letter of Understanding) and MOUs (Memorandum of Understanding) with some case study examples to illustrate where and how problems can arise. Confidentiality can also be a great challenge, when research has been third party funded. They may wish to keep things quiet but scientists know they have to "publish or perish". We will look at this area to try to get some guidance rules for the future. Finally, we will look at preventative writing, i.e. ensuring your paper trail does not let you down if a matter should lead to a dispute or litigation.

### **Dealing Effectively with co-workers**

**'EVI' Course No E08**

### DIDACTICS AND PRESENTATION

'EVI' Course No E10

The importance of didactics and presentation skills: To deliver and explain complex topics in a correct, clear and attractive manner is highly important in scientific community. No matter what your topic, your delivery and manner of speaking immeasurably influence your audience's attentiveness and learning. Based on learning theories, young researchers have to learn about teaching strategies, good use of media and design of effective instructional process in order to help capture and hold people's interest and increase their retention.

- Views of adult learning
- Visualisation and instructional media
- Lecturing for learning
- Microteaching and collegial coaching

### ETHICS IN MEDICINE AND RESEARCH

'EVI' Course No E11

- Basic aspects of ethics
- Medical ethics
- Research ethics
- Ethics and genetics

### INTELLECTUAL PROPERTY RIGHTS

'EVI' Course No E12

The role of intellectual property rights has become a key issue over the past two decades. The changes in biotechnology and intellectual property protection that have occurred since 1980 make private enterprise possible for the first time in many broad research areas as in the health sciences. Furthermore, universities, cooperatives and other public and non-profit institutions now have the option of licensing or selling research outputs in this area, rather than giving their results away for free. As the scope and power of IPRs in biotechnology has grown, their international reach has expanded. These developments raise many fascinating and important issues.

- IPR - Basic introduction to the substantive IP rights (patent, trade mark, design and copyright) - recognition and protection
- Basic introduction - quasi-IP rights [confidentiality, trade secrets, know how, reputation] - recognition and protection
- The IP portfolio manager - roles and responsibilities
- IPR Ownership and Employment issues

### PROJECT MANAGEMENT TUTORIAL

'EVI' Course No E13

Project management skills are fundamental to scientists. The course is based on the international long-term experience of the trainer. He delivers the theoretical background, management tools, specific skills and instructs how to cope with changes or problems that may occur once a project has started. The aim of this course is to provide knowledge and skills in order to run projects efficiently.

### MANAGEMENT AND CARE OF LABORATORY ANIMALS

'EVI' Course No E14

**Introduction to laboratory animals.** A brief history of animals used in research. Outline of the major animal physiological systems.

**Management of laboratory animals.** Life cycle data: genetics, strains, breeding and mating. Principles of animal health, disease and control of disease. Environmental requirements, regulations and policies. Organizations and the role of Laboratory Animal Care Technicians.

**Management of Laboratory Animals: Rodents & Rabbits.** History, behavior, handling, housing and nutrition information for the following animals: Mouse, Rat and Rabbit.

**Facilities, Personnel & Environmental Management.** Common environmental matters. Typical caging, equipment and materials. Personnel safety issues and concerns. Sanitation categories and factors to consider for effective and safe use of products.