

BASIC INFORMATION (RESEARCH)

Duration of the elective: 1 month

Number of students: 2 students, for each month

Prerequisites: Contact with the director two months prior to the elective

Location(s): Koç University Hospital, Koc University Rumelifeneri Campus

CONTACT INFORMATION

Elective Director: Aslı Ercan Doğan

Elective Faculty: Vedat Sar, Kemal Kuscu, Bedirhan Ustun, Hale Yapıcı-Eser, Aslı Ercan-Doğan

BRIEF DESCRIPTION OF STUDENT ACTIVITIES

During Psychiatry Research Elective, 5th year students should take active role with integrity, honesty and compassion for conducting a research study. Studies may be either on basic science or clinical research.

To be accepted for the research elective, they need to contact with the director at least 2 months before their elective period for the decision of the project and arranging prerequisites as equipments and IRB files.

Advisor may be either from adult psychiatry or from child and adolescent psychiatry.

Prerequisites are:

to identify a faculty research mentor and proposed project.

to submit a brief (1-2 page) summary of a proposed research project and a research plan with study design and timeline, to be approved by the director

to complete the CITI online training.

to obtain regulatory approval for the project, as appropriate. In most cases this will include writing and submitting a protocol to the IRB.

During the elective, student should meet with their advisor at least twice a week. Students may either work on an ongoing research, collect data, contribute to the analysis and writing process. Students may also work on the design and IRB approval processes of a new study. Thirdly, they may take active role on the process of a meta-analysis study. Students who participate in a research elective are expected to present their work at a seminar hour or at a national/international congress. A wider list of possible research projects is as follows:

A short clinical or laboratory research study, testing a hypothesis;

An evaluation of a service or specific intervention;

A detailed and extensive review of the literature on a topic with illustrative case-based examples;

An audit of a service or component of a service comparing with accepted standards;

A standard setting observational study from which audits might follow;

A survey to establish levels of knowledge, or skills, behaviours, values, beliefs about a specific topic;

An educational project that produces material to facilitate, teach or train the students, staff, patients or the wider public.

LEARNING OBJECTIVES

Brief: Broadly the objectives of the Research Elective are to

- (1) increase skills to identify, develop, and answer scientific questions,
- (2) advance your understanding of how to build a research career.

At the end of the elective a 5th year medical student will have a broad understanding of a research career in psychiatry.

Specific objectives are;

Research Objectives

Demonstrate the ability to identify an appropriate research question.

Demonstrates the ability to complete an adequate search of the literature in a defined area.

Demonstrates critical appraisal skills.

Demonstrates the ability to complete a research ethics board application.

Demonstrates the ability to prepare and present a research proposal in a cohesive and organized fashion.

Demonstrates a fundamental knowledge of the subject and the methodology utilized in the research project.

Demonstrates the ability to describe and explain the results obtained and situate these results in the existing literature.

Demonstrates the ability to write and present an abstract at a local, national or international meeting.

Demonstrates a clear understanding of the structure and purpose of scientific writing.

Demonstrates the ability to participate in the writing, revision and publication of a manuscript

Professional Objectives:

To develop:

Interpersonal, communication, organisation, time management, and presentation skills;

Flexibility and adaptability;

Independent and team working;

Intellectual capacity, credibility, judgement, intuition;

Punctuality, setting and meeting deadlines;

Responsibilities to oneself and others.

ASSESSMENT OR EVALUATION:

Student's systems based practice, professional skills and research experience based on the objectives will be evaluated by the advisor and the coordinator. A written feedback will be given for positive aspects and areas for improvement.