



UNIVERSITÀ DEGLI STUDI DI TORINO

ID

VP78_DIP_SSP

Visiting Professor Program Academic year 2022/2023

TEACHING COMMITMENT: 16 hours

COURSE TITLE

Research methodology in adolescents' health

TEACHING PERIOD

2nd term

SCIENTIFIC AREA

Medical statistics and research methodology

LANGUAGE USED TO TEACH

English/Italian

COURSE SUMMARY

The teaching activity will focus on statistical methods applied to the field of Adolescents' Health. Starting from published scientific articles on health-related behaviors (i.e. alcohol consumption and smoking habits) and outcomes (i.e. wellbeing, mental health), the following issues will be presented and discussed:

- Study design strategies, with a special focus on sampling methods and sample size;
- Statistical methods and analyses plan (sample characteristics, regression models, control of confounding);
- Possible determinants of the research outcomes: gender and social inequalities, social support;
- Interpretation and discussion of the results on a public health perspective, focusing on strengths and limitations of the studies.

LEARNING OBJECTIVES

To be able to critically evaluate the main research and statistical methods (study designs, analyses plan, sample size) applied to the field of Adolescents' health.

To be able to discuss data and results from literature in the field of Adolescents' health research.

To be able to present and discussed the main strenghts and limitations of the studies explored during the course.

TUTORSHIP ACTIVITIES

N/A

LAB ACTIVITIES

N/A

OTHER ACTIVITIES BESIDES THE COURSE

N/A

ADDITIONAL COURSE

COURSE TITLE

Research in the field of Adolescents' health: study designs, data and public health perspectives

TEACHING PERIOD

2nd term

SCIENTIFIC AREA

Medical statistics and research methodology

LANGUAGE USED TO TEACH

English/Italian

COURSE SUMMARY

The teaching activity will focus on the presentation and discussion of data from literature with a specific focus on Adolescents' Health.

Starting from published scientific articles on health-related behaviors (i.e. alcohol consumption and smoking

habits) and outcomes (i.e. wellbeing, mental health), the following issues will be presented and discussed:

- study design strategies, with a special focus on cross-sectional studies (advantages and limitations)
- a brief excursus on statistical methods and analyses
- interpretation and discussion of the results from social and public health perspectives
- the role of family structure, socioeconomic status, gender, ethnic background, social support.

LEARNING OBJECTIVES

To be able to discuss the main study design strategies applied to adolescent health research field

To be able to critical discuss data from literature about adolescent health

To be able to recognize and discuss the role of social inequalities and social support in adolescent health

TUTORSHIP ACTIVITIES

N/A

LAB ACTIVITIES

N/A

OTHER ACTIVITIES BESIDES THE COURSE

Other teaching activities:

- 3 hours within the curricular course "Epidemiological Methods I" (codice SSP01412) in the Postgraduate School of Medical Statistics (DSSPP):

study design and epidemiological measures in the field of adolescent health research - examples from literature

- 1 seminar (3 hours) to all students of I and II year of Laurea Magistrale in Scienze infermieristiche e ostetriche (about 50 students).

The seminar will be focused on "Research methods and clinical interventions in the gender difference perspective".

Starting from published scientific articles and ongoing research activities, the following issues will be presented and discussed:

- gender differences in the fields of research and clinical interventions: the state of art
- data from literature: what do they tell us about gender gap?
- critical interpretation and discussion of the available data on a public health perspective
- what implications for future research and clinical practice?

VISITING PROFESSOR PROFILE

Proven experience in both teaching and research in the field of research and statistical methods applied to adolescents' health.

In particular, an expertise in socioeconomic inequalities and their possible effects on adolescents' health and wellbeing will be appreciated, such as experience in gender gap research field.

The ideal VP should be able to discuss both research methods and data/results with students involved in clinical and social activities and traineeships, with a basic knowledge of statistics and epidemiologic measures.

CONTACT PERSON AT THE DEPARTMENT

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