

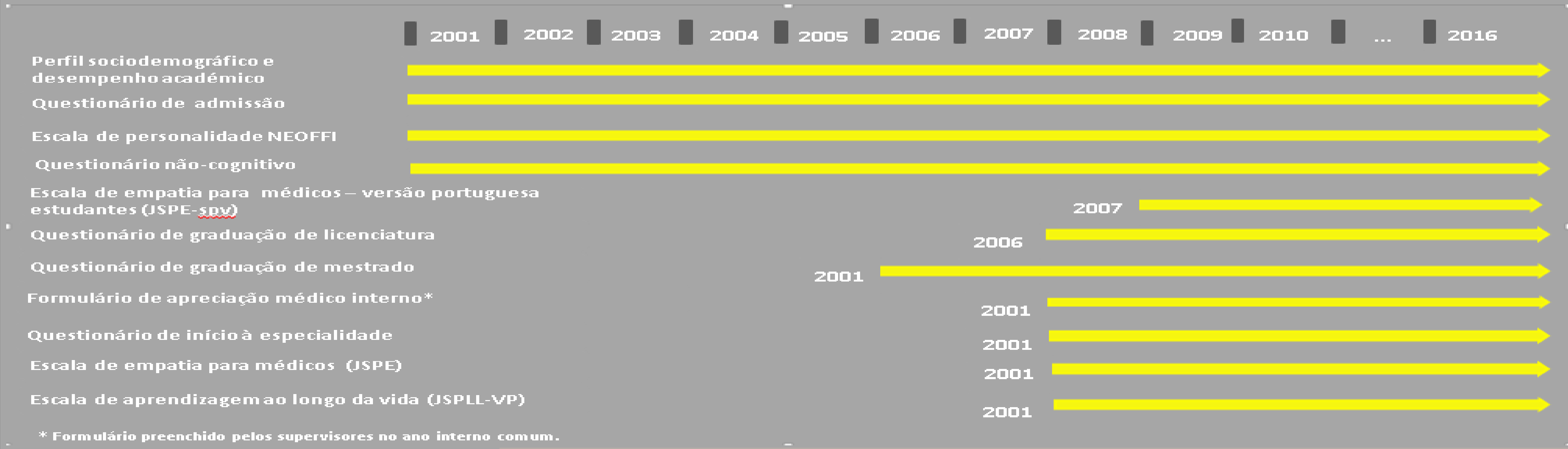
ELECSUM Last Page: The Longitudinal Study of the School of Health Sciences

Medical Education Unit, School of Health Sciences, University of Minho

Contact: meded@ecsaude.uminho.pt

Principal Investigator: Manuel João Costa

Available data by class entry year



ELECSUM data

(per participant)

Before medical school

- Demographics
- Admission GPA

During medical school

- Admission questionnaire
- Socio-demographic questionnaire
- Non-cognitive questionnaire
- JSPE-spv
- NEOFFI questionnaire
- Course grades
- GPA

1st Year

2nd Year

3rd Year

4th Year

5th Year

6th Year

- Course grades
- GPA

- Course grades
- GPA
- Graduation questionnaire
- JSPE-spv

- Course grades
- GPA
- JSPE-spv

- Course Grade
- GPA

- Course grades
- GPA
- Masters graduation questionnaire
- JSPE-spv

After medical school

- Specialty:
 - Institution
 - Geographic location
- Proficiency rating scale

Post graduate
Year 1

- Residency:
 - Institution
 - Geographic location
- Non-cognitive questionnaire
- JSPLL-VP
- JSPE

Career

Reason for initiating the study: The Longitudinal Study of School of Health Sciences (ECS) of University of Minho (ELECSUM) was initiated in 2001, based on the premise that medical schools accountability, is a right/duty of Institutions that graduate healthcare professionals.

History: ELECSUM was implemented with the purpose of tracking every medical students of ECS throughout their academic life and entire professional careers.

ELECSUM data of each participant are constantly updated from publicly available information and from other information gathered by direct contact with the students of ECS since beginning of the school (2001). ELECSUM allowed the design of one of the most complete and extensive database of medical education in Portugal.

Goals

Service to:

- Faculty (e.g., answering to inquiries)
- Academic and Scientific committees (e.g., providing data to analyze admissions trends, to evaluate programs, or to examine success/failure factors in students' performance)
- Administration of school (e.g., providing data for the annual report, or accreditation)
- Students (e.g., guiding academic and career development)

Research

- Address medical education related questions for publication and presentation at professional meetings

ELECSUM in Numbers

(Last update: May 2016)

- Contained approximately 69433 observations
- Tracked 1560 students of which 502 graduates
- Corresponding to 960 variables
- Garnered data from 89 postgraduate training hospitals
- Inspired 15 peer-reviewed publications in international journals and conference proceedings

Adaptation of Instruments

The ELECSUM has adapted the following instruments for measuring educational outcomes:

- Jefferson Scale of Physician Empathy - student version (JSPE-spv)
- Jefferson Scale of Physician Empathy - physician version (JSPE)
- Non-cognitive scale
- NEOFFI – 60 item
- Jefferson Scale of Physician Lifelong Learning (JSPLL-VP)

Human Resources

Associate Researchers:

Ana Salgueira, Ana Lemos, Patrício Costa (School of Health Sciences)
Miguel Portela (School of Economics and Management)

Support

2007-2011: Fundação para a Ciência e Tecnologia, Ministério da Ciência, Tecnologia e Ensino Superior.

Research Scholarships:

Carlos Leite (Actual)
Raquel Alves (Former)
Elsa Gonçalves (Former)
Irina Kislaya (Former)
Ana Filipa Correia (Former)
Eunice Magalhães (Former)
Teresa Castanho (Former)

2014

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2012

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2009

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Aguiar P, Salgueira AP, Frada T, Costa MJ. Empatia médica: tradução, validação e aplicação de um instrumento de medição. Atas do X Congresso Galaico-Português de Psicopedagogia, Braga, Portugal.