



Iceland
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Educating students for developing high quality research skills (ENSURE)

The Education, Scholarships, Apprenticeships and
Youth Entrepreneurship Programme (ESAYEP)
2014 – 2021 – EEA Financial Mechanism

Dissemination Conference of Project Results

Ioana Andreea MIRCEA, PhD

Sibiu, 20th of December 2019

PARTNERSHIP

"Lucian Blaga"
University of Sibiu
| LBUS | Romania

Coordinator

University of
Tromsø – The
Arctic University of
Norway | UiT |
Norway

Partner



Project`s Objectives

The ENSURE project aims to:

- Provide a set of modules with focus on medicine and medicine-related studies enabling students to build their **transversal research-oriented competences and skills**
- Create **learning materials** for students on how to conduct clinical studies, on the ethics and legal provisions of data-usage of in research with humans/patients, how to write research papers and scientific report, etc.
- Provide a **learner-oriented methodology** for transferring the knowledge using real-life problems where students can apply their knowledge.
- Organise a **series of learning / teaching activities** wherein students will exercise their transversal research-oriented skills.

Project duration: 13 months - 01.12.2018 – 31.12.2019

Alocated budget

Total budget: 41.810 euro

Budget items	Amount allocated to LBUS	Amount allocated to UIT
Project management & implementation	6000 Euro	3000 Euro
Short term transnational mobilities	1610 Euro	7090 Euro
Intellectual outputs	6470 Euro	9640 Euro
Multiplier events	8000 Euro	0
Special needs support	0	0
Exceptional costs	0	0
Total:	22.080 Euro	19.730 Euro

Schedule of activities:

A1 - Kick-off meeting organized in Tromso – Norway (21st of March 2019 – 22nd of March 2019)

A2 - Elaboration of training materials (IO1 + IO2) – (March 2019 – October 2019)

A3 - Students` selection (September – October 2019)

A4 - Learning / Teaching Activities organized in Sibiu – Romania – 23rd – 29th of October 2019

M1 – Multiplier Event – Dissemination Conference of Project Results - 20th of December 2019



A1 Kick-off meeting in Tromso (NO)

21st – 22nd of March 2019

Participants:

Lucian Blaga University of Sibiu:

1. Ioana Mircea
2. Gabriela Candea

University of Tromso:

1. Terje Steigen
2. Finn Egil Skjeldestad

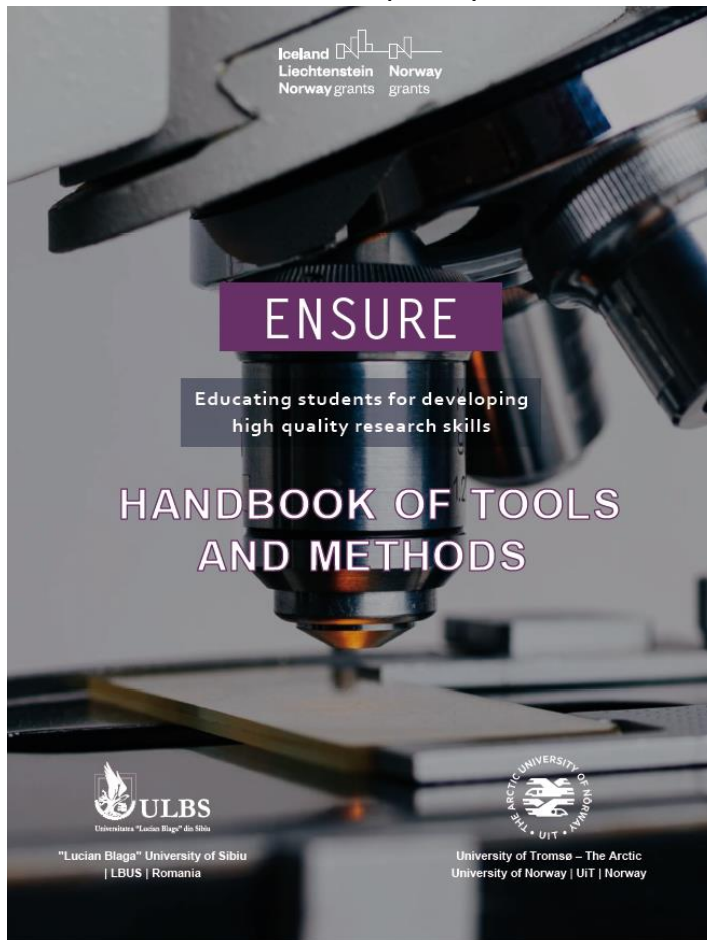
Discussions:

- **administrative matters** – budget, eligible costs, selection process, intermediate and final report, audit;
- **academic matters** – preliminary structure of the learning / teaching / training activities and intellectual outputs;
- establish to comprise the 2 Training Courses initially provisioned in **one Intensive Programme** with one week duration in October 2019 (based on availability of the NO reps).

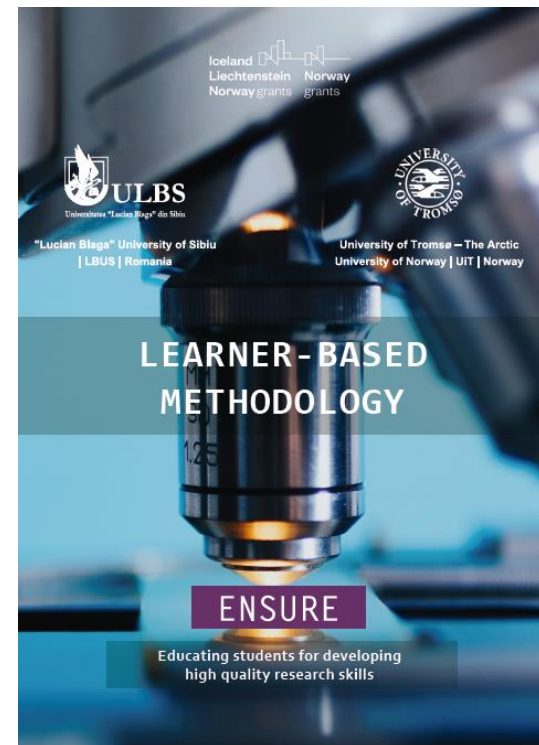


A2 - Elaboration of training materials (IO1 + IO2)

- A **handbook** with tools and methods for research-oriented transversal skills (IO1)



- A **methodology** with practical use cases and workshop guidelines (IO2)



IO1 & IO2 are available for download at <https://grants.ulbsibiu.ro/ensure/>

A3 - Students`selection

1. Selection procedure

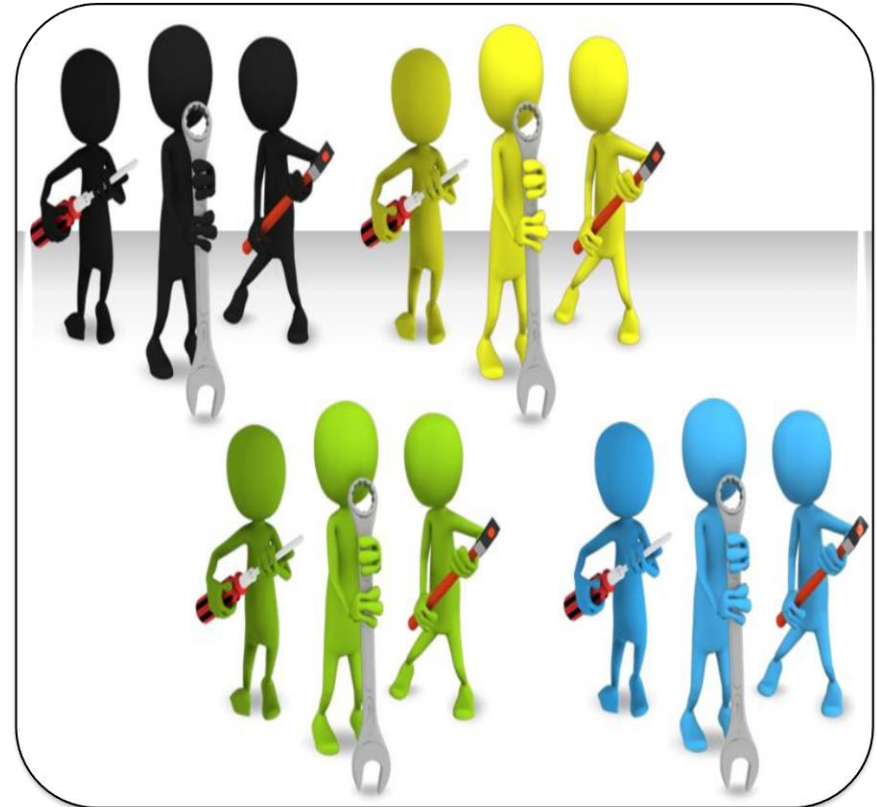
Target Groups:

- students studying at bachelor (4th, 5th, 6th year) or PhD level in the fields of
- Medical sciences,
- Sciences,
- Engineering
- Other Science related



The selection process

1. Each partner university will establish a **selection commission**, made of a representative of the specialised department/faculty
2. **Publication and dissemination** of the call for application within the partner universities. The period open for applications and the criteria for application and selection will be published on the website of each partner and provided timely to the interested students.
3. **Collection** of the applications.
4. **Selection** of the students by the selection commission based on the established criteria
5. **Announcement** to the selected students and further procedure to prepare their presence in the activities of the IP.



Selection criteria for participating students

Students will be selected based on:

1. **CV** - which needs to contain at least their study, specific interests and specialisation(s) during the study

2. **Motivation letter**

3. **Interview** with the selection commission

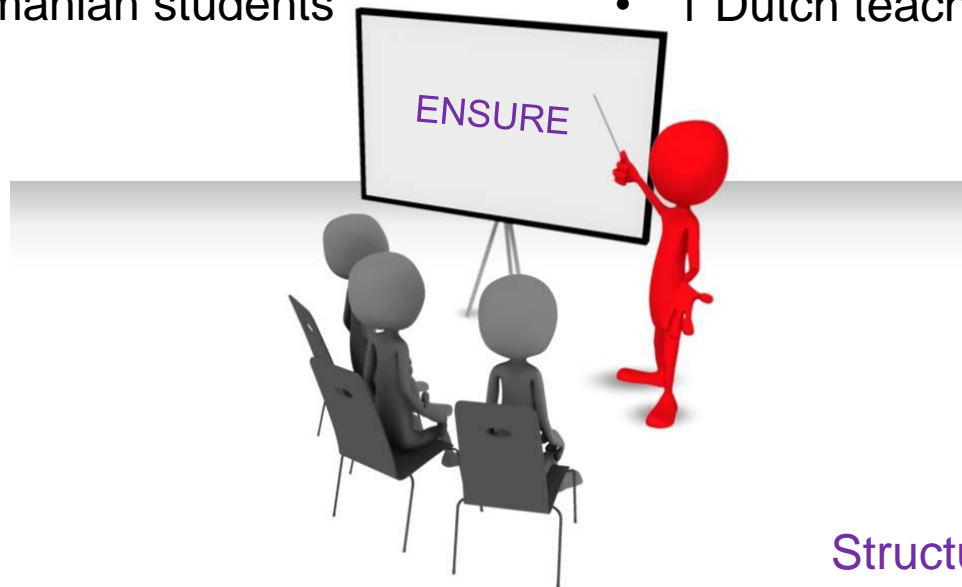
4. **Application form** (available on the project`s website)



A4 - Learning / Teaching / Training Activities organized in Sibiu – Romania

Participants:

- 3 Norwegian students
- 21 Romanian students
- 3 Norwegian teachers
- 4 Romanian teachers
- 1 Dutch teacher



Period: 23rd – 29th of October 2019

Location: Polignano Hospital

Structure:

- Lectures
- Group work
- Plenary summary

Wednesday October 23

Time:

- 09.00 Welcome to Sibiu
- 09.15 Scientific teaching at medical school at the University of Sibiu
- 09.45 Scientific teaching at medical school, UiT Norway
- 11.15 How to conduct/design of clinical studies;
- 13.15 Continuation of How to conduct/design of clinical studies;
- 13.45 Examples of cardiovascular research at University of Sibiu.
- 14.30 How to deal with uncertainties in clinical practice?
- 15.00 PICOs (Population, Interventions, Comparisons, Outcomes, Study Design)
- 16.00 Group work – formulate research question, fill in a PICO table
- 17.00 Summarize group work, 12 min, for each of 6 research proposal

Thursday October 24

- 09.00 Ethics in research;
- 10.00 Legal provision in medical and human-related scientific research;
- 11.00 Group work – Ethical/legal challenges in the research proposals
- 13.00 Summary group work – 6 presentations
- 14.30 Search strategies in information systems - interactive session
- 16.30 Group work – do literature search from targeted research question



Friday October 25

Time:

- 09.00 Presentation group work – search strategy, selection of literature (flowchart search)
- 10.30 How to read and assess scientific papers (GRADE);
- 13.00 Continuation of How to read and assess scientific papers
- 14.15 Bias in epidemiological research
- 15.00 Group work – assess 1 target paper selected through literature search in a GRADE framework
- 16.45 Summary group work – present selected paper – discuss strengths/limitation/apply quality questions and make conclusion on quality

Saturday October 26

- 09.00 Group work – assess 3 papers selected literature search in a GRADE framework

Sunday October 27

Organized cultural activities



Monday October 28

- 09.00 Academic writing of project plans, scientific reports
- 10.15 Group work – write detailed outline for a project plan
- 13.00 Continuation of ... Group work – write detailed outline for a project plan (proposal)
- 14.30 Data collection, data cleansing, data visualization and evaluation;
- 15.30 Continuation of ... Group work – write detailed outline for a project plan (proposal)

Tuesday October 29

- 09.00 How to present a project plan/scientific report
- 10.00 Group work – make a ppt-presentation of the project plan
- 13.00 Continuation of... Group work – make a ppt-presentation of the project plan
- 14.00 Presentations of project plans (25 minutes each group)
- 15.30 Continuation of...Presentations of project plans (25 minutes each group)
- 17.15 Summary/evaluation of course
- 17.45 Closing remarks; University of Sibiu/UiT



Observation: all materials taught during the Learning/Teaching/Training activities are available for download at <https://grants.ulbsibiu.ro/ensure/>

Learning / Teaching / Training Activities



M1 – Multiplier Event – Dissemination Conference of Project Results

Date: 20th of December 2019
Location: Sibiu, Romania

Event Description

The project results, the *Learner-based methodology* and the *Handbook of tools and methods*, were disseminated, during the multiplier event, where relevant stakeholders and also young researchers in the medical field and related domains have participated.



For more information
please visit the
following websites:

- ESAYEP Programme
<http://www.eea4edu.ro/en/>
- ENSURE Programme
<https://grants.ulbsibiu.ro/ensure/>





“This presentation was realised with the EEA Financial Mechanism 2014-2021 financial support. Its content (text, photos, videos) does not reflect the official opinion of the Programme Operator, the National Contact Point and the Financial Mechanism Office. Responsibility for the information and views expressed therein lies entirely with the author.”

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