



AGH University of Science and Technology, KRAKOW, POLAND
UNESCO CHAIR FOR SCIENCE, TECHNOLOGY AND ENGINEERING
EDUCATION AT THE AGH UNIVERSITY OF SCIENCE AND TECHNOLOGY
KRAKOW, POLAND
A. Mickiewicza Ave 30, PL 30-059 Krakow, Poland
E-mail: unesco@agh.edu.pl

UNESCO AGH Fellowships ed. 2012-B in Engineering
Project Proposal 6 months

Naukowa oferta stypendialna UNESCO - AGH 2012 B
dla młodych naukowców z krajów rozwijających

UNESCO - AGH 2012 Project B: promoting human resource capacities in the developing countries through intensive training and to enhancing international understanding and friendship among peoples of the world and the people of Poland

(In English)

1. Project title: *SHS derived nanolaminates in Ti-Al-C-N system*

Field of research: *ceramic, material engineering*

Number of fellowships with free tuition sponsored by UNESCO: 1

2. Name of institution: *AGH University of Science and Technology,
Faculty of Materials Science and Ceramics*

Full address: A.Mickiewicza Av. 30, PL 30-059 Krakow, Poland

3. Name, title and full contact data of project supervisor:

dr inż. Leszek Chlubny

Tel.: +48 12 6172667

Fax: +48 12 6331593

E-mail: chlubny@agh.edu.pl

www.agh.edu.pl

4. Project duration: 6 months

Proposed starting date: 1.10. 2012 /exact date to be agreed upon by the selected
fellows and host Institution/

Language: English

Scientific contents: *individual research programme under supervision of tutor (see next
page p.8)*

5. Developing countries (specification): *UNESCO Member States - optional Asia, Africa*

6. Academic requirements: Candidates should have a B.Sc. or M.Sc. degree,
in field of Ceramics, Materials Science or Chemical Technology

7. Qualifications required: *for example*
be proficient in reading and writing in English;

UNESCO AGH Fellowships ed. 2012-B in Engineering

be not more than 40 years of age; and be in good health, both physically and mentally; general knowledge in ceramic engineering

8. Project description (in English):

R&D results: project description optional:

The goal of project will be investigation on obtaining powders of nanolaminate MAX-phase materials by Self-propagating High-temperature Synthesis and testing properties of hot-pressed samples, sintered from obtained powders.

other outputs:

publications, future projects

9. Others information:

Stamp of the AGH UST Faculty

Project Supervisor
(signature)

dr inż. Leszek Chlubny

.....

Place and date: Krakow, January 31, 2012

Dean of the Faculty
(signature and stamp)

Prof. dr hab. inż. Jan Chłopek

.....

prof. dr hab. inż. Jan Chłopek