

2020 IULTCS Young Leather Scientist Grants

Objective:

In accordance with its aims, the IULTCS, through its IUR Commission, would like to make a meaningful contribution towards research in leather. The YLSG 2020 monetary awards will be given through IULTCS to three young scientists to support a Leather Research project in 2020.

The three categories of the awards are:

- 1) Science and applied science to leather research
- 2) Sustainability/Environmental
- 3) Machines/Equipment for the tannery, pollution control or analytical

The scientists will work with an advisor at his/her institution.

Eligibility for the candidates:

- Birthdate after January 1, 1984
- Student or Scientist in the Leather field and with qualification in one of the three categories:
 1. A student of a Leather school: high school level, college, or university level
 2. A graduate student (Master or PhD) in the areas of Chemistry, Biochemistry, Engineering, Environmental Science or Biology
 3. Scientist working in a recognized Leather Center

Application Procedure:

The Complete Document Form must be completed and saved as one PDF file only and identified as: **YLSG2020_applicantname**. Leave one empty page between the documents.

The Complete Application Form to be submitted to the IUR chair Dr. Michael Meyer (michael.meyer@filkfreiberg.de) must have the following parts:

- 1) Application Form
- 2) Research Project Plan. Include Title, Introduction, Objectives, Methods, Hypothesis/Expected results – benefit for the local and/or global leather industry in one sentence -and Literature. Maximum 3 pages.
- 3) *Curriculum Vitae* of the applicant (one page)
- 4) *Curriculum Vitae* of the advisor (one page)
- 5) Letter of recommendation from the advisor (one page)

Note: Applicants that do not follow the above rules will have their submission rejected.

Research areas:

- 1) **Leather Research - IULTCS:** Innovative leather processing, new chemicals for leather processing, analytical method development, hide/skin preservation, environmental studies applied to the tanneries, tannery waste treatment and basic research in collagen and/or Leather.
- 2) **Sustainability/Environmental -TFL:** Innovative environmental techniques applied to the leather industry e.g. wastewater treatment, solid waste and emissions. Studies on sustainability leather processing, new chemicals for leather processing, analytical method development, carbon footprint and water management.
- 3) **Machines/Equipment -Erretre:** Development of machines for leather processing, automation, chemical/physical analysis and environmental equipment.

Awards:

- 1) For the Leather Research a one-time payment of € 1,500 (one thousand and five hundred Euros) to be paid to the winner scientist.
- 2) For the Sustainability/Environmental and Machines/Equipment a one-time payment of € 1,000 (one thousand Euros) to be paid to the winner scientists.

The payments will be made by IULTCS through a bank transfer or money order.
An IUR/IULTCS certificate will be issued to the winners.

Award criteria & Selection:

The application will be evaluated and ranked based on the following criteria:

- 1) Clear aim of the research
- 2) Methods
- 3) Expected results
- 4) Originality of the research
- 5) Correct citation
- 6) Global or local benefit of the research

The qualifications of the researcher and the advisor will also be evaluated. The Selection Committee has not been established; it will be made by 3 renowned scientists on the field.

Timeline:

September 1 launch the YLSG 2020, with rules on the IULTCS web site and press release
November 30, 2019 deadline for submissions
December 30, 2019 winner selected and press release
January 30, 2020 payment of the award
February 28, 2021 scientist to present final report to IUR/IULTCS

Report:

A final project report must be submitted by the scientist to the IUR Commission Chair by February 28, 2021.
The report should be accompanied by a one page review of the project by the advisor and will be posted at the IULTCS/IUR web page