

Report about the Workshop of Innovative Education in the University of La Laguna: *Activa tu Docencia*

Title: *Activa tu Docencia: Taller de Innovación Docente.*

Date: September 21st-24th, 2020

Organizers:

Guido Santos Rosales, *Departamento de Bioquímica, Microbiología, Biología Celular y Genética de la Universidad de La Laguna.*

Néstor V. Torres Darias, *Vicerrectorado de Innovación Docente, Calidad y Campus Anchieta de la Universidad de La Laguna.*

Place: Universidad de La Laguna, San Cristóbal de La Laguna, Spain. Online format.

Professors:

Enrique Quintero Carrión. *Universidad de La Laguna.*

Juan Arredondo Lamas. *Universidad Autónoma de Madrid.*

Francisco Javier Amador Morera. *Universidad de La Laguna.*

Guido Santos Rosales. *Universidad de La Laguna.*

Sponsors:

Federation of European Biochemical Societies (FEBS).

Sociedad Española de Bioquímica y Biología Molecular (SEBBM)

Abstract: This innovative education online workshop is designed to present university faculty with a set of student-centered teaching and learning methodologies in which they assume an active and leading role. It is this conception of teaching that informs the methodological approaches of the proposal, in charge of professors with experience in them. The workshop took place in an online format through video-conference using the Google Meet platform.

The program included the presentation of the flipped classroom modality, in which the lectures by the professors were replaced by activities to strengthen the concepts,



leaving the acquisition of the same in the hands of the students, with the necessary advice and support from the professors, laboratory practices understood as something more than the mere monitoring of a recipe and shared evaluation as a training mechanism, the peer assessment in which both students and professors participate. Finally, Service Learning was introduced, a form of teaching in which the student acquires knowledge and skills through the performance of community service activities.

In each case, after the presentation of the principles that inform each of the modules, the participants elaborated in working groups and with the advice of the professors, teaching proposals and evaluative strategies for each case. The results and conclusions were presented to the entire group, paying special attention to the advantages, limitations and opportunities that each one of them presents in the context of each particular case.

Programm

September 21st, 2020

9:00 h - 9:40 h: Flipped classroom.

Enrique Quintero Carrión. *Universidad de La Laguna*.

9:40 h - 10:00 h: Presenting the objective of the activity.

10:00 h - 12:00 h: Autonomous work in groups

12:00 h - 12:30 h: Coffee.

12:30 h - 14:30 h: Conclusions.

September 22nd, 2020

9:00 h - 9:40 h: The reviewed laboratory practical lectures.

Juan José Arredondo Lamas. *Universidad Autónoma de Madrid*.

9:40 h - 10:00 h: Presenting the objective of the activity.

10:00 h - 12:00 h: Autonomous work in groups

12:00 h - 12:30 h: Coffee.

12:30 h - 14:30 h: Conclusions.



September 23rd, 2020

9:00 h - 9:40 h: Peer assessment.

Guido Santos Rosales. *Universidad de La Laguna*.

9:40 h - 10:00 h: Presenting the objective of the activity.

10:00 h - 12:00 h: Autonomous work in groups

12:00 h - 12:30 h: Coffee.

12:30 h - 14:30 h: Conclusions.

September 24th, 2020

9:00 h - 9:40 h: Service learning.

Francisco Javier Amador Morera. *Universidad de La Laguna*

9:40 h - 10:00 h: Presenting the objective of the activity.

10:00 h - 12:00 h: Autonomous work in groups

12:00 h - 12:30 h: Coffee.

12:30 h - 14:30 h: Conclusions.

Results

The Workshop was announced using the media provided by the University of La Laguna: <https://www.ull.es/portal/agenda/evento/curso-activa-tu-docencia-taller-de-innovacion-docente-de-la-universidad-de-la-laguna/>

The Workshop was included in the Formative courses of Fundación General de la Universidad de La Laguna inside its official online place. <https://sede.fg.ull.es/>

A total of 40 students inscribed in the course, 12 of which passed the course. The criteria to passing the workshop was attending to all the days and solving the activities presented by the professors.



Enrique Quintero está presentando

Activa tu docencia: taller de innovación docente de la universidad de la laguna

21 a 24 de Septiembre

Módulo: "Invierte tus clases, invierte en tus clases"

Enrique Quintero Carrión

Vicerrectorado de Innovación Docente, Calidad y Campus Anchieta Universidad de La Laguna

FEDERATION OF EUROPEAN BIOCHEMICAL SOCIETIES

Taller innovación (Enrique Quinter... X)

Personas (16) Chat

Añadir personas

- Guido Santos Rosales (Tu)
- Alejandro Samhan
- Arianna María Fariño González
- CAMILO DANIEL DÍAZ BARTOLOMÉ
- DAVINIA SIERRA BELTRÁN
- Enrique Lozano Bilbao
- Enrique Quintero
- Enrique Quintero (presentación)
- Francisco Javier Amador Moreno
- Iván Hernandez
- Juan Jose Arredondo
- María Magnolia Soto Pérez
- MILAGROS NATALIA RUIZ GONZALEZ

We conclude from the feedback received during the workshop that the students took advantage of the knowledge and resources provided by the professors. Many of them were able to elaborate material that could be used in the following lectures in which the students are enrolled.