



2017 French-American workshop in Translational Chemistry

July 6-8, University of Bordeaux (Talence campus, Domaine du Haut-Carré)

More information on our website: <http://US-Bordeaux2017.sciencesconf.org>

The University of Bordeaux will host the 2017 annual workshop of the iREU (international Research Experience for Undergraduates) project. Developed within the framework of the LSAMP (Louis Stokes Alliance for Minority Participation) program from Louisiana State University, this project is funded by the NSF (National Science Foundation, Grant No. 1560390).

Since 2013, 10-15 American undergraduate students are selected each year from LSAMP programs to participate in the iREU project. Students must have previous research experience at their home institutions, a strong desire to continue in STEM areas, as well as an outstanding academic profile. Successful students are offered the opportunity to train (for a duration of 3 to 6 months) in a laboratory from one of the following universities: Université de Grenoble Alpes, Université Fédérale de Toulouse, Université de Bordeaux (France) or KU Leuven (Belgium). Projects feature all aspects of translational chemistry, from materials sciences to chemical and biochemical engineering.

These sites belong to European “Innovation Campuses” where scientists from national research institutes, the industrial sector and universities work together. The focus on chemical aspects of nanoscience and biotechnology provides students with valuable experience in bridging the gap between basic research and emerging applications. The close interaction between university research structures, high technology facilities/companies and national institutes (CNRS/INSERM in France, IMEC in Leuven) provides students with a unique opportunity to collaborate within a worldwide research network.

The first students to participate at the annual summer workshop in Bordeaux will be American students, from LSAMP programs nationwide (Kentucky/West Virginia LSAMP, Texas LSAMP, Mississippi LSAMP, SUNY LSAMP, California State LSAMP, Louisiana LSAMP, and Peach State LSAMP), and possibly other international students from UBx. The students will be given a timeslot to disseminate their research project through flash presentations (2 minutes for 1 researcher) and a poster session.

Another objective of the workshop is to stimulate institutional and scientific collaborations across borders. This year, the emphasis will be on industrial outreach thanks to the participation of the scientific director from the major multinational chemical company Solvay. An official of the US Department of State will introduce the workshop with a talk on the vision of the mutual benefits of international scientific collaborations and trade between both shores of the Atlantic Ocean. Invited talks will also include an overview of study programs on offer at the University of Bordeaux (Pr Jenny BENOIS-PINEAU, UBx), a lecture on how to manage human capital (Pr Stéphane TREBUCQ, UBx), and several other high-level scientific presentations delivered respectively by Pr Vincent ROTELLO (UMASS Amherst) and Laurent COGNET (UBx and Institut d’Optique d’Aquitaine graduate school).

On the second day, the focus will be on the importance of promoting a high degree of interaction between academia and industrial innovations. The speakers for the day include Mathieu BECUE, director of VIA Inno (platform for visualizing valorization patterns of academic research, who will present some results of the AMADEus patent study), and career development perspectives from Solvay and Dr Yates, one of the leaders of NSF national Bridge to the Doctorate program. The afternoon will be dedicated to visits of “beyond the state of the art” research facilities on campus (2 groups: Laboratory of Future / ELORPrinTec).

On Saturday 8th July, with the help of the international office of the University of Bordeaux, students will visit the tourist attractions of their choice in Bordeaux and the surrounding region (Arcachon).



Program Schedule:

Wednesday July 5th		Thursday, July 6 th		Friday July 7th		Saturday July 8th	
	Event	Schedule	Event	Schedule	Event	Schedule	
Morning		8h45	Welcome coffee	9h00-10h30	Bridging industry and academia: case studies - Patent patterns by Stéphane Miollan, VIA Inno iREU and career development: part two - Denise Yates, University of Illinois	8h-16h Social event for students, organized by students (with help from UBx IO)	
		9h-10h	Opening addresses by: -Laurent Servant, Deputy Vice-president for International Relations -Eric Papon, Vice-President for innovation, Ubx -Etienne Duguet, Amadeus labEx, Ubx -Randy Duran, Dir Research Engagement, Office of Research and Economic Development, LSU -Olivier Sandre, Academic coordinator and Senior CNRS Researcher, University of Bordeaux / LCPO				
		10h - 10h30	Plenary session: Science & Technology training programs for international students at UBx				
		10h30-10h45	Coffee break				
		10h45-11h45	Two minutes for one researcher				
		11h45-12h30	Poster session				
Lunch		12h30-13h30	Haut-Carré restaurant	12h30 - 13h30	Foodtruck lunch at Haut-Carré		
Afternoon	* Arrival of participants * Pick up of official guests	13h30-15h30	Scientific sessions: Training abroad opportunities for students: Human capital by Stéphane Trebucq (UBx) and international trade, by Daniel Hall (US Department of State)	13h30 departure (2 tram stations) 14h00 - 15h00	Visit of local facilities: - Laboratory Of Future (LoF) (Solvay / CNRS / UBx) - ELORPrinTec , unique clean room dedicated to organic polymer electronics		
		15h30-16h00	Coffee break, display of posters	15h00			Free time
		16h00-17h30	Scientific talks given by international class researchers: - Laurent Cognet (Optics Inst. Graduate School – Aquitaine) - Vince Rotello (UMass Amherst)				
		18h	Departure by Tram – walk from Haut Carré Hall to bus stop				
Dinner	Free dinner	19h	Gala dinner (Luchey-Halde)		* Free dinner		

©O. Sandre – Univ Bordeaux



université
de BORDEAUX



LSU
LOUISIANA STATE UNIVERSITY

Gordon A. Cain Center
For STEM Literacy

www.lsu.edu/caincenter

LSU
Office of
Research & Economic Development