

## Transatlantic Dual Bachelor Degree in Chemistry

Newsletter 3/2009

April  
2009

A publication of the EUCHEMUSA network

### CHEMISTRY ON THE MOVE

#### Transatlantic Study Exchange - 4

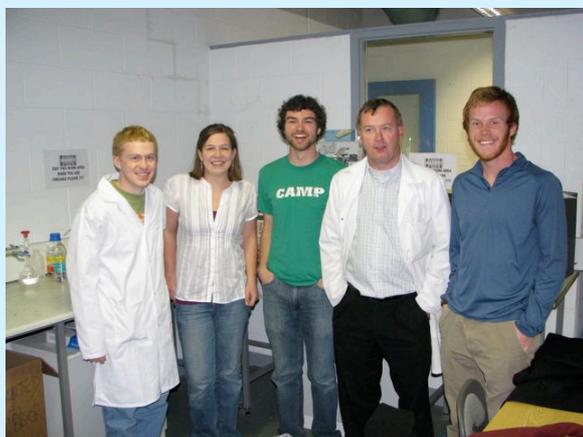
##### 4 US-students and 6 European students continue their transatlantic studies

After completing their semester at Dublin City University, 3<sup>rd</sup> year students Kate Remley (University of Kansas), Jake Burns, Zeke Lancaster and Tyler Rogers (all University of Arkansas) have arrived in Regensburg. After six weeks of Intensive German they are now ready to tackle the challenge to study in part in a non-English taught environment. While the students will take most of the same classes – in part together with the students from Regensburg who will start their transatlantic studies as their 4<sup>th</sup> year in the coming fall – they have chosen quite different areas for their research project as part of the Bachelor thesis, spanning Analytical, Physical and Organic Chemistry.

On the other side of the Atlantic, six students from Regensburg are currently finishing the spring term in Kansas and Arkansas that should complete their course requirements. The remaining months of their stay will be used for finishing their Bachelor projects, again within a broad diversity of topics ranging from biochemistry to inorganic chemistry.

#### Organic Chemistry goes to Hollywood

Following the Atlantis Web class in Medicinal Chemistry established in 2008 by the University of Kansas, a second class is now being developed at the University of Regensburg with the title *Modern Methods of Organic Chemistry* aiming at 3<sup>rd</sup> year undergraduate / 1<sup>st</sup> year graduate students. The class, being taught by Prof. Oliver Reiser with one week modules each given by Prof. Burkhard König and Prof. Matt Macintosh (Arkansas), consists of 44 hours of lectures and 22 hours of tutorials over a period of 11 weeks and a final exam in the 12<sup>th</sup> week. “*This is the first time we are teaching in Regensburg an entire undergraduate chemistry class in English*” Reiser says “*and I am impressed that the German students are responding very well to this new format.*” Indeed, the choice of the students for the tutorial being offered in German as well showed a clear (49:2) preference for the English group. The class is being videotaped and will be available for distant learning in the spring term 2010, lecture scripts are available already now at <https://elearning.uni-regensburg.de/course/category.php?id=490>



US-students in the Chemistry Labs in Dublin together with Dr. Paraic James (DCU)



Experiencing the Bavarian Culture: Kate Remley (KU)



Atlantis class (mobile and non-mobile students) *Modern Methods of Organic Chemistry*

## EUCHEMUSA Partners visited

In every newsletter we introduce one of the participating campuses of the EUCHEMUSA network. In the term 2008/2009, the University of Kansas (KU) is hosting three Atlantis students from Regensburg and is sending one student to Europe.

The Department of Chemistry at KU is highly interdisciplinary in nature, spanning research in Catalysis, Organometallic, New Materials, Environmental Surface Chemistry, Photochemistry, Bioinorganic, Bioorganic, Biophysical, Bioanalytical, NMR Lasers, Computational Theoretical Synthesis, and Combinatorial "Green" Chemistry Polymers.

The department consisting of 29 active faculty members including five distinguished professors occupies two different buildings; Malott Hall and the new Multidisciplinary Research Building on the west campus. The number of graduate students continues to increase with current enrollment at 105 and 220 undergraduates; the department usually has about 45 postdoctoral students. Many other students pursue graduate degrees in related areas of medicinal chemistry, pharmaceutical chemistry, chemical engineering, biochemistry, and geochemistry, making a community of more than 350 chemistry-oriented research students. Additionally, the department is proud of its National Science Foundation-sponsored program for Research Experiences for Undergraduates ([www.chem.ku.edu/reu/index.shtml](http://www.chem.ku.edu/reu/index.shtml)), which has been running for 21 consecutive years.

Always striving to provide the best possible opportunities for our students, new facilities and equipment are being acquired at an amazing pace and our faculty and staff focus on providing a most rewarding and educational environment to help students achieve their goals.

Further information: [www.chem.ku.edu](http://www.chem.ku.edu)



Mallot Hall, Heart of the Chemistry Department

## Atlantis Conference at Kansas University

From April 17-19, the annual Atlantis conference took place at Kansas University. Having a total of 30 participants, students being in Arkansas visited on this occasion KU, while students in Regensburg participated remotely via two screen video conferencing that allowed them to see the participants on both sides as well as the PowerPoint presentations. The current Atlantis students presented their Bachelor thesis projects, being critically assessed by faculty of the partner schools. Moreover, the conference offered the chance for the prospective students doing their transatlantic stay in 2009/2010 to have a first contact with faculty of their future host university abroad.



Atlantis Video Conference: I. Huber (r.) presents her project to both sides of the Atlantic

## EUCHEMUSA – Atlantis on Facebook

Sven Peter Fritz from Regensburg, completing currently his studies at Kansas University, has created the EUCHEMUSA - Atlantis group on Facebook. Since good ideas usually come in pairs, there is a second Facebook group (Atlantis program) being created by Laura Moix from Arkansas. Everyone who is interested can join, and students can post and find useful information on various aspects concerning their transatlantic stays. Let's hope that Facebook will allow to unify both groups.

## Faculty Visits at Partner Universities

For the spring/summer term, a number of faculty exchanges have taken place or are scheduled in the near future. Besides joint teaching of classes, the progress on the research projects being jointly supervised by one faculty member on each side of the Atlantic are the major purposes of these visits. Special to the German students entering the Atlantis program, they will have to undergo language assessment by the US partners in lieu of taking a TOEFL test that is usually required for admission to a US school.

### Dates to note:

May 23-31: Prof. M. McIntosh (UARK) to UREG (mandatory language assessment for all prospective students from UREG for the 2009/2010 cycle).

July 12-15: Prof. J. Stenken (UARK) to UREG

July 19-26: Prof. B. Laird (KU) to UREG

September 14-29: Dr. M. Schäferling (UREG) to UARK/KU

October 1-30: Dr. A. Schätz (UREG) to KU/UARK

More information about the project at  
<http://www-oc.chemie.uni-regensburg.de/atlantis>