

Aspects of Contemporary Heterocyclic Chemistry Fall Semester 2012 (Revised 08/19/12)

(Fall Semester 2012 Special Topics in Organic Chemistry 2 Credit Course 6381)

(Select Mondays: 2:15-3:45 PM and Thursdays 2:15-3:30 PM)

Heterocyclic chemistry is an academic subject of immense industrial importance. The majority of organic chemists who work in industry deal for a significant proportion of their time with heterocyclic compounds. This applies to the pharmaceutical, agrochemical, dyestuffs, additives, and to an increasing extent to the polymer and petrochemical industries. Unfortunately on the American academic scene, heterocyclic chemistry has for the most part been neglected and many organic chemists find they must learn heterocyclic chemistry on the job. A prior knowledge of heterocyclic chemistry is a very useful additional qualification to obtain an industrial position.

The present course, part of a continuing series, is designed to give graduate students and post doctorals an overview of some of the present action in contemporary heterocyclic chemistry, together with some of the basic material. Our ongoing research will be discussed in four sessions. Dr. Katritzky will present lectures. There will also be presentations by visiting speakers and resident researchers together with presentations on safety procedures and analytical and computational resources as applied to heterocyclic chemistry.

Assessment of the course will be on the following criteria: (i) performance during the literature presentation, (ii) the instructors overall view of the student's performance and participation in the course.

	MONDAYS at 2:15 – 3:45 pm		THURSDAYS at 2:15-3:30 pm
08/20/12	No Seminar	08/23/12	Safety meeting CDH, ARK Followed by ARK lecture - Peptides
08/27/12	Practice – Eray	08/30/12	Arrival talks- Dr. Kukubay, Dr. Demircan
09/03/12	Labor Day – No Seminar	09/06/12	Practice – Akash
*09/10/12	HPLC-microwave Davit/Siva	*09/13/12	
*09/17/12	CHN, m.p. Mr. Wang/CDH	*09/20/12	
*09/24/12	Cindex Judit, Eray	*09/27/12	Practice - Khanh
*10/01/12		10/04/12	Practice – Judit's final defense
10/08/12	Group 2 Research Overview (Iryna)	10/11/12	Group 3 Research Overview (Judit)
10/15/12	Group 4 Research Overview (Mirna)	10/18/12	Group 5 Research Overview (Siva)
10/22/12	Group 6 Research Overview (Alex)	10/25/12	Group 7 Research Overview (Nader)
10/29/12	Group 8 Research Overview (Davit)	11/02/12	ARK lecture – Benzotriazole overview
11/05/12	Judit Final Defense	11/08/12	
11/12/12	Veterans' Day – No Seminar	11/15/12	Practice- Khanh
11/19/12		11/22/12	Thanksgiving – No Seminar
11/26/12	Arrival talk Dr. Tiwari	11/29/12	Arrival talk Dr. Li
12/03/12		12/06/12	Reading Days
12/10/12	Exam Days	12/13/12	Exam Days

*ARK away these days

Circulation: Persons named; Eray Caliskan, Suvendu Biswas, Akash Basak, Judit Kovacs, Khanh Ha, Ebrahim Ghazvini Zadeh, and Dr. Ben Smith