

Aspects of Contemporary Heterocyclic Chemistry Spring Semester 2014 (Revised 1/6/14)

(Spring Semester 2014 Heterocyclic Chemistry 2 Credit Course 6381)

(Select Mondays: 2:15-3:00 PM and Thursdays 2:15-3:00 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 – 3:00 pm		THURSDAYS at 2:15-3:00 pm
1/6/13	Practice talk: Eray	1/9/13	Arrival talk: Mr. Khalid Bouhedjar (Algeria)
1/13/13	Practice talk: Akash	1/16/13	Arrival talk: Dr. Hong Zhang (China)
1/20/13	No Seminar (Martin Luther King)	1/23/13	Arrival talk: Mr. Asmerom Weldeab (Eritrea)
1/27/13	HRMS and Microwave: Dr. Siva Panda	1/30/13	Arrival talk: Mr. Olivier Nsengiumva (Rwanda)
2/3/13	HPLC: Dr. Vadim Popov	2/6/13	Arrival talk: Dr. Tarek Ibrahim (Egypt)
2/10/13	NMR: Khanh Ha	2/13/13	Arrival talk: Dr. Yong Pan (China)
2/17/13	CHN and Safety: Mr. Wang	2/20/13	Arrival talk: Mr. Deqian Zhao (China)
2/24/13	MS and Datasheets Preparation: Ms. Galyna Vakulenko	2/27/13	Arrival talk: Dr. Yann Thillier (France)
3/3/13	No Seminar (Spring Break, FloHet)	3/6/13	No Seminar (Spring Break, FloHet)
3/10/13	Group overview 1 Dr. Rachel Jones	3/13/13	Practice talk: Suvendu
3/17/13	Group overview 2 Dr. Vadim Popov	3/20/13	
3/24/13	Group overview 3 Dr. Siva Panda	3/27/13	
3/31/13	Group overview 4 Mr. Suvendu Biswas	4/3/13	
4/7/13	Group overview 5 Mr. Giri Pillai	4/10/13	
4/14/13	Group overview 6 Dr. Iryna Lebedyeva	4/17/13	
4/21/13		4/24/13	Practice talk: Giri

*ARK away these days

lists\aspheter.u64 A.R. Katritzky (revised 1/6/14)