

RHODES UNIVERSITY

Rhodes University is nestled in the heart of Grahamstown and is home to more than 7,500 students from around the world. The university owes its unique character among South African universities to a combination of architectural, cultural, geographical and historical factors. Its history is a chronical of those whose intellect, vision and courage created and sustained a university that grows form strength to strength each year. Successive generations of Rhodians have had an influence on Southern African and world affairs out of all proportion to their small number.

The Rhodes University Scifest Africa 2018 Programme is presented by the Faculty of Science. Find out more about the various departments, the world-class research done in each one, and why Rhodes University is “where leaders learn”.

Rhodes University
Somerset Street
Grahamstown
www.ru.ac.za

DEPARTMENT OF CHEMISTRY, CHEMISTRY AND
PHARMACEUTICAL SCIENCES BUILDING, RHODES
UNIVERSITY, ARTILLERY ROAD

WORKSHOPS

GLASSBLOWING WORKSHOP DEMONSTRATION



DATE:	7, 8, 9, 12 and 13 March
TIME:	09h00-09h45
VENUE:	Glassblowing Workshop, Lower Ground Level
AUDIENCE:	Grade 10+
CAPACITY:	10
PRICE:	R15

Watch a master at work and learn more about glass, its versatility and the art of glassblowing in this interactive demonstration.

TITRATIONS

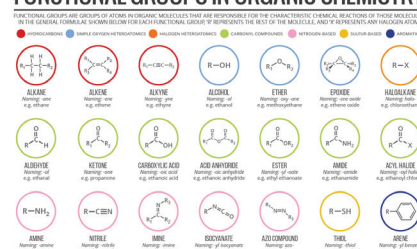


DATE:	8 March
TIME:	09h00-10h00, 11h00-12h00
VENUE:	First Year Lab, Lower Ground Level
AUDIENCE:	Grade 11-12
CAPACITY:	50
PRICE:	R5

Do your own acid-base titrations, and learn more about studying chemistry at Rhodes University, in this practical workshop hosted in the university's laboratory.

FUNKY FUN ORGANIC CHEMISTRY

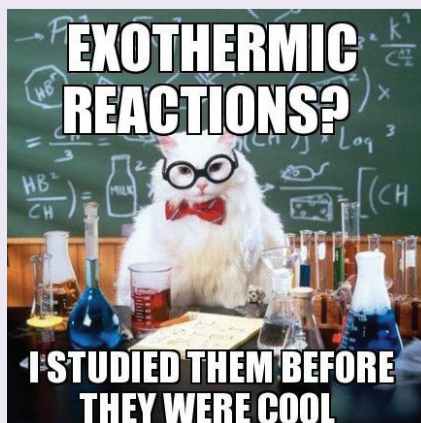
FUNCTIONAL GROUPS IN ORGANIC CHEMISTRY



DATE:	9 March
TIME:	09h00-10h00, 11h00-12h00
VENUE:	First Year Lab, Lower Ground Level
AUDIENCE:	Grade 11-12
CAPACITY:	50
PRICE:	R5

The most important skills a young scientist can develop are observation, accurate recording and reasoned deduction. These skills will be developed in the context of changing colours, making new compounds and even smelling strange smells! Organic chemistry shouldn't be so mysterious, so come and learn about how we test and “see” them.

EXOTHERMIC/ENDOTHERMIC REACTIONS



DATE:	12 March
TIME:	09h00-10h00, 11h00-12h00
VENUE:	First Year Lab, Lower Ground Level
AUDIENCE:	Grade 9
CAPACITY:	50
PRICE:	R5

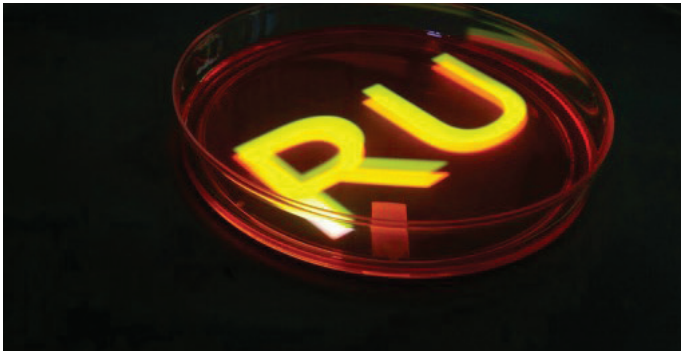
Hot or cold, In or out. Where does the energy flow in reaction? Come find out.



EXHIBITIONS

RHODES UNIVERSITY, EDEN GROVE,
LUCAS AVENUE

UNIVERSITY BIOTECHNOLOGY INNOVATION CENTRE ADVANCING BIOTECHNOLOGY THROUGH 3D PRINTING



Rapid advances in three-dimensional (3D) printing has revolutionized biotechnology that will take mankind forward into a bold future. Come & see how the bioscientists at the Rhodes University Biotechnology Innovation Centre (RUBIC) are using 3D printing techniques to prototype & build tools to clean water, test for diseases and hopefully to even build lab grown human tissues.

www.ru.ac.za/biotechnology

FACULTY OF PHARMACY

DERMATOLOGIC HEALTH: DANGEROUS CHEMICALS IN IN SKIN LIGHTENING PRODUCTS



Current discussion within the dermatological community is about the safety and regulation of many chemicals that are used in dermatological products. Surprisingly, sparse information is available on the epidemiology of the health impacts of these practices among the general population. This is a perfect opportunity to present an overview of the practice of skin bleaching and to raise more awareness of the dangers of this practice on a cosmetic basis, primarily to lighten normal dark skin.

www.ru.ac.za/pharmacy/

More from Rhodes University...

Rhodes University exhibitions also feature in the Waterworld programme. These include the Department of Freshwater Invertebrates (Albany Museum), Department of Biochemistry & Microbiology (Marine Natural Products Research Consortium), Department of Ichthyology & Fisheries Science, Department of Zoology & Entomology (Centre for Biological Control), and the Institute for Water Research.
