

ANNUAL REPORT FOR THE PERIOD 1 January 2007 to 31 December 2007

1. Executive Summary

This report is the annual review of the activities of the South African Chapter of the International Union of Pure and Applied Chemistry.

Headings	Activities completed- January to December 2007	Activities planned- January to December 2008
2. Background & Composition of National Committee	<p>In July 2007 Professor Coville succeeded Professor Ford as President of the South Africa Chemical Institute. Professor Ford, therefore, only served on the committee until then. The full membership of the committee is as follows:</p> <p>Dr Mike Booth - Chemical & Allied Industries' Association (Chairman) Professor Alan Hutton - University of Cape Town (Vice-Chairman) Professor Tony Ford - University of Kwa-Zulu Natal Professor Pieter Steyn - University of Stellenbosch Professor Koos van Staden - University of Pretoria Dr Abufelwi Tshavhungwe - University of the Witwatersrand Dr Leah Vilakazi - University of Limpopo Professor Nthabiseng Ogude - Nelson Mandela Metropolitan University Professor Neil Coville - University of the Witwatersrand Professor Ewa Cukrowski - University of the Witwatersrand Miss Busiswa Molefe - ICSU Secretariat</p>	
3. Participation by South Africans in Union activities		•
3.1. Size of local community	•	•
3.2 South Africans serving on Unions or its subsidiary bodies	<p>The structure of IUPAC comprises eight divisions and three standing committees</p> <p>Physical and Biophysical Chemistry Division (I) Inorganic Chemistry Division (II) Organic and Biomolecular Chemistry Division (III) Macromolecular Division (IV) Analytical Chemistry Division (V) Chemistry and the Environment Division (VI) Chemistry and Human Health Division (VII) Chemical Nomenclature and Structure Representation Division (VIII)</p> <p>Chemical Research Applied to World Needs (CHEMRAWN)</p>	

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	<p>Committee on Chemistry Education (CCE) Committee on Chemistry and Industry (COCI)</p> <p>South Africa has representation on all but three of the divisions and has individuals who are long standing members of the standing committees. In addition we have representation on the Committee on Printed and Electronic Publications</p> <p>Professor Ernst Breedt - Division I Professor Jonathan Blackburn - Division III (Sub-Committee on Biotechnology) Dr Kelly Chibale - Division III (Sub-Committee on Biomolecular Chemistry) Professor Liliana Mammino - Division III (Sub-Committee on Green Chemistry) Professor Ron Sanderson - Division IV Professor Ewa Cukrowski - Division VI Professor Alan Hutton - Division VIII Professor Nthabiseng Ogude - CHEMRAWN Dr Erica Steenberg - CCE Dr Mike Booth - COCI Professor Jimmy Bull - Committee on Printed and Electronic Publications</p>	
<p>3.3 Attendance of International Congresses/Workshops</p> <ul style="list-style-type: none"> • Number of conferences attended • Number of South African delegates • Number of papers presented 	<ul style="list-style-type: none"> • Dr Vilakazi, Professor Hutton and Dr Booth attended the 41st IUPAC World Chemistry Congress and 44th IUPAC General Assembly, in Turino, Italy. Professor Ford presented a paper at the Congress. • Dr Booth attended a Project Meeting of the Committee on Chemistry and Industry in Lyndhurst, England. 	<ul style="list-style-type: none"> •
<p>3.4 Capacity Building with regard to Membership of National Committee and involvement of young scientists in International Meetings</p>	<ul style="list-style-type: none"> • Dr Leah Vilakazi occupied the role of “capacity building” member. See also 3.3 	<ul style="list-style-type: none"> •
<p>3.5 Organisation of Union related</p>	<ul style="list-style-type: none"> • CHEMRAWN XII Role of Chemistry in Food Provision in Africa 	<ul style="list-style-type: none"> •

Headings	Activities completed- January to December 2007	Activities planned- January to December 2008
Conferences in South Africa	•	
3.6 Contribution by members to documents and publications		
3.7 Report back on recommendations made during the in depth review	•	•
4. Value to the Community and Benefit to South Africa	•	
5. Public Society Interfaces and Outreach Programmes – self initiated or facilitated by ICSU	• UNESCO – IUPAC Global Programme in Microchemistry	•
6. Research Highlights/ New Initiatives in South Africa		•
7. Science Education	• Young Ambassadors for Chemistry Workshop at the SciFest in Grahamstown targeted at teachers, learners and the general public..	•
8. Financial assistance received by South Africans direct from ICSU bodies during 2006	Dr Booth for attendance at the COCI Project meeting in Lyndhurst, England Dr Vilakazi, Professor Hutton and Professor Ford for attendance at the IUPAC Congress and General Assembly.	•