

Study Group / Task Force Name:

History

Study Group / Task Force Members and Affiliations:

Prof. D. Thorburn Burns, The Queen's University of Belfast (Head of Study Group)

Prof. H. Deelstra, University of Antwerp

Prof. R. Salzer, Dresden University of Technology

Prof. R. van Staden, Bucharest, Romania

Dr. M. J. Walker, Laboratory of the Government Chemist, Teddington, UK

Objectives:

To study and publish accounts of the history of analytical chemistry in Europe. To promote a lecture and publications on this topic for each Euroanalysis Conference.

Activities and Outputs in 2018-2019 (e.g. reports, publications, seminars, meetings)

1. D. Thorburn Burns and M. J. Walker, "Gordon Monier-Williams OBE, MC, MA, PhD, FRIC (1881-1964): A major contributor to the improvement in quality and purity of foodstuffs via his professional influences and innovations in analytical chemistry", *J. Assn Public Analysts*, **46**, 9-19, (2018). With an on-line copy of his best known work, that on the determination of sulphite in foods, which is still in use as a referee method. It was published in 1927, but not in the open literature as it was a UK Government Agency Report.
2. D. Thorburn Burns and M. J. Walker, "Joan Davena Peden. BSc, CChem, FRSC, MChemA. (1920-1997): An exemplar Public Analyst and first female President of the Association of Public Analysts", *J. Assn. Public Analysts*, **46**, 32-40, (2018). Presented at the APA Annual Conference, in Cardiff, September, 2018.
3. H. Deelstra and D. Thorburn Burns, "Paul Coremans: A pioneer chemist in the application of scientific techniques to the visual arts", in M.-C. Claes and D. Vanwijnsberghe (eds), "A Man of Vision", *Roy. Inst. Cult. Heritage, Brussels*, (2019), pp 26-39.
4. D. Thorburn Burns and M. J. Walker, "Origins of the method of standard additions and of the use of an internal standard in quantitative instrumental chemical analysis", *Anal. Bioanal. Chem.* **411**, 2749-2753, (2019).

Activities planned for 2019-2020:

1. Assist, if requested, with publication of the historical lecture given at Euroanalysis IXX.
2. See publication of, R. van Staden, V. David and D. T. Burns, "Some people and places important in the history of analytical chemistry in Romania"

Report submitted by: D. Thorburn Burns

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