EuChemS-DAC Study Group / Task Force Annual Report for 2020-2021

Study Group:

History

Study Group, Members and Affiliations:

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

Prof L. Beyer, University of Leipzig

Prof. R. Salzer, Dresden University of Technology

Prof. R. van Staden, Nat. Inst. Res. Electrochemistry, Bucharest

Prof. M. J. Walker, The Queen's University of Belfast

Objectives:

- a). To study and publish accounts of the history of analytical chemistry in Europe.
- b). To promote a lecture and publications on this topic for each EUROANALYSIS Conference.
- c). To encourage the acknowledgement of relevant prior work in papers {A guide to how to deal with the period pre Chem. Abs. is available on-line at J. Assn. Public Analysts, 44, 12-17, (2016)}.

Activities and Outputs in 2020-2021: Publications

- 1. D. Thorburn Burns and M.J. Walker, "Critical review of analytical and bioanalytical verification of the authenticity of coffee", J. AOAC Int., **103**, 283-294, (2020). An example of c) above, contains a copy of a letter from Thomas Graham, the first President of the Chemical Society, 24/XII/1857, to the Chairman of the Inland Revenue with results of his study of coffee samples.
- 2. R.-I. Stephan-van Staden, V. David and D. Thorburn Burns, "Some people and places important in the history of analytical chemistry in Romania", Revista de Chimie, 72, 147-155, (2021).

Activities planned for 2021-2022:

- 1. Completion of a monograph, "Chemistry as a University Degree-Development and Impact". Details in particular the role of the University of Dorpat and Alexander Petzoldt as mediators between Western Europe and the Russian Empire. (Salzer, Burns and Beyer).
- 2. Account of Theophilus Redwood, first President of the Society of Public Analysts. (Burns and Walker)

Report submitted by: D. Thorburn Burns

Date submitted: 30/VI/21

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