



Member Networks Annual Report Form 2016

To enable us to better support our networks and their activities all member networks (Local Sections, Interest Groups and Analytical Division Regions) are asked to complete this form and return it to networks@rsc.org. The information is shared with the members of your networks, staff and governance Boards and Committees (inc. Division Councils).

Or by post to; Networks Team, Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, CB4 0WF.

This report form will be uploaded to the appropriate web page (signature deleted) unless requested otherwise.

GROUP NAME	Analytical Division, North West Region (NWAD)
Submitted by	Stuart Forbes
Signed (may be signed electronically)	<i>S. Forbes</i>
Date	11 April 2017

Please list below the dates of your planned AGM and Committee Meetings (where applicable).

Annual General Meeting (if being held)

Date:	
Venue:	Virtual AGM held via our website

Proposed Committee Meetings Dates

Date	Venue
Monday 23 rd January 2017	All committee meetings held at Manchester Metropolitan University starting at 1830h. John Dalton East Building; Room 433 Manchester Metropolitan University Oxford Road Manchester
Tuesday 25 th April 2017	
June 2017 (exact date to be agreed)	
September 2017 (exact date to be agreed)	

Financial Accounts for the year ending 31 December 2016

Deadline for receipt of Financial Accounts by RSC Finance Team: **14th February 2017**

Deadline for receipt of Annual Report by Networks Team: **24th February 2017**



EVENTS

Please attach any meeting reports, newsletters or other reports which are relevant.

Please report below on activities undertaken in the past year. If you have more detailed information about any particularly successful events, or advice to share please use a separate sheet. For more events continue as necessary.

EVENT KEY:

- Education Event
- Public Lecture
- Retired Members Event
- Scientific Conference - 1 day
- Scientific Conference - multi day
- Social Event
- Training/workshop
- Award Lecture

Full details of our events are published on our website (www.nwad.org) which is directly accessible via the RSC website:

<http://www.rsc.org/Membership/Networking/InterestGroups/Analytical/ADRegions/NorthWest/index.asp>

Event Name	Schools Analyst Competition Regional Heats
Event Type (key)	Education Event
Comments	<p>These were held during Spring 2016 at the following venues:</p> <ul style="list-style-type: none"> • Liverpool John Moores University • University of Central Lancashire (Preston) • Bangor University <p>Usually a fourth regional heat is also held in Manchester but this did not happen in 2016.</p>

Event Name	Early Career Mixer Meeting
Event Type (key)	Training/workshop Event
Comments	<p>This event was held at Manchester Metropolitan University in October 2016. Around 25 young analytical scientists working in industry and universities in our region came together for a lively evening meeting during which they were able to develop networks with fellow analysts and exchange information and tips on recruitment and career development.</p>

Event Name	Long Service Members Lunch
Event Type (key)	Retired Members Event
Comments	NWAD holds an annual lunch for our senior members (70+ years) and their guests. Our 31 st Long Service Members Lunch was held in June 2016 and attracted around 50 members and guests who enjoyed a very pleasant meal during which there was plenty of opportunity to catch up on news and share reminiscences with former colleagues.

Event Name	Christmas Lecture and Buffet
Event Type (key)	Social Event
Comments	NWAD holds an annual Christmas Lecture and Buffet. Our 7 th lecture was held at the end of November 2016 and attracted around 70 members and guests who enjoyed an informative and entertaining talk by Tony Bristow and two colleagues entitled " <i>Made to be measured: the revolutions in analytical science for the real time analysis of the human body</i> ". Following the lecture, the speakers and audience congregated for a meal during which there was plenty of lively conversation.

Event Name	H2OWatch (formerly Streamwatch)
Event Type (key)	Education Event
Comments	NWAD has re-branded our Streamwatch activities as H2OWatch to reflect the excellent outreach work undertaken by staff and students at Manchester Metropolitan University in developing our Streamwatch kits and promoting their use amongst schools in our region and abroad. This project encourages youngsters to perform chemical analysis using simple analytical test kits which can be taken into the field to measure parameters such as pH, nitrate, dissolved oxygen, hardness, turbidity and temperature and thus provide information on the health of local streams and ponds. The kits have also been used to raise public awareness on the value of chemistry at the Manchester Science Festival, and staff at the Catalyst Science and Discovery Centre (Widnes) have been trained to use the kits so that H2OWatch is now incorporated into their workshops and science clubs for visiting schools and community groups.



AWARDS AND BURSARIES

Please list any awards or bursaries presented by your committee in 2015 and indicate any which will be open for nomination/application in 2016.

NWAD has for many years provided **Travel Grants** to post-graduate students wishing to participate in analytical conferences, and to schools wishing to visit local universities and colleges to find out more about analytical science.

Recent travel grants have been awarded to:

Gemma Hardman, a post-graduate student at Liverpool University, who received a grant to attend the American Society for Mass Spectrometry Conference held in Texas in June 2016 at which she presented a poster on her research work.

Aamar Khan, a final year post-graduate student at Manchester Metropolitan University, who received a grant to attend the 5th International Conference on Multifunctional, Hybrid and Nanomaterials held in Lisbon in March 2017 at which he presented a paper on his research work.

NWAD also sponsors **Summer Studentships** which enable young scientists to work for several weeks alongside experienced chemists at universities in our region and thus gain valuable research experience at the start of their careers. In 2016 we provided funding to enable a student to work on ***“Ion Mobility Mass Spectrometry for Sizing Molecules - an investigation of the use of rigid systems for calibration of flexibility”*** for 6 weeks at Manchester University; and for a student to work on ***“Analysis of a fruit extract to identify actives that stimulate uterus contractions”*** for 8 weeks at Liverpool University.

Other information/comments:

Information on the travel grant application procedure is given on our website (www.nwad.org) together with short reports from recipients on the benefits gained from the event they attended.

Information on the application procedure for summer studentships is also published on our website when this is made available by the British Mass Spectrometry Society who co-ordinate these studentships.



PLANNED ACTIVITIES

Please report below on activities proposed. For more events continue as necessary.

Event Name	Schools Analyst Competition Regional Heats
Comments	These will be held during Spring 2017 at the following venues: <ul style="list-style-type: none">• Liverpool John Moores University – 4th March 2017• Manchester University – 19th April 2017• University of Central Lancashire (Preston) – 26th April 2017• Bangor University – 5th May 2017
Event Name	Long Service Members Lunch
Comments	The NWAD 32 nd Long Service Members Lunch will be held on 7 th June 2017.
Event Name	Christmas Lecture and Buffet
Comments	The 8 th Christmas Lecture and Buffet will be held in late November/early December 2017.

COMMITTEE

(this information will be used to update our membership database and your web page where appropriate)

Position	Name	Dates on committee (current period of office, not total period of service)
Chair	Clare Rawlinson-Malone	2017 - 2019
Vice-Chair	Sabrina Kiani	2017 - 2019
Secretary	Stuart Forbes	2016 – 2018
	Stephen Holman (Assistant Secretary)	2016 - 2019
Treasurer	Peter Doyle	2016 - 2018
Ordinary Members	Sanja Potgieter-Vermaak (immediate past Chair)	2017 – 2020
	Megan McLean	2016 – 2019
	Adam McCudden	2016 – 2019
	Heather Robinson	2016 – 2019
	Peter Fielden	2017 - 2020
Benevolent Fund Representative (if relevant)		
Co-opted members and their affiliation		

Diversity & Inclusion

Our trustees are aiming to embed diversity and inclusion in all of our activities and networks. Our [online network handbook](#) contains more information to support our networks in achieving this.

Please comment on how your group is showing that it has embraced Diversity and Inclusion within its practices.

NWAD has five female and five male committee members; three work in university chemistry departments, five work for chemical companies, one works for an analytical instrument company and one is a semi-retired analytical consultant. Their ages range from mid-twenties to mid-sixties and not all are UK-nationals.