

## EaStCHEM

<b>POOL</b>	<a href="#">EaStCHEM</a>		
<b>Original Partners</b>	Edinburgh, St Andrews		
<b>Funding</b>	SFC £3.9M Co-funding £1.9 Institutional £3.9M in letter of award		
<b>Start</b>	2005/6	<b>End</b>	2010/11
<b>Original objectives</b>			
<p>EaStCHEM aimed to combine the research efforts of the two Departments to produce a Research School containing some 70 staff, more than half of whom should be of international stature. The synergy developed from a combined School and the appointment of new world class researchers was expected also to enhance the research of all existing staff.</p> <p>EaStCHEM aimed to be a single Research School with a single research management structure.</p> <p>EaStCHEM aimed to be a platform for the enhancement and further development of research activity at the highest level, able to compete effectively with research institutions anywhere in the world.</p>			

### Funding breakdown (From the definitive document)

	SFC (£000s)	Institution (£000s)	Total (£000s)
<b>Staff</b>			<b>2,380</b>
4 Chairs			
4 lecturers			
2 Fellows			
2 Scientific officers			
2 Technical officers			
<b>Students (50)</b>			<b>2,475</b>
<b>Infrastructure</b>			<b>2,800</b>
<b>Other</b>			<b>1,875</b>
<b>Total</b>			<b>9,530</b>

### Governance / structure

<b>Original Governance</b>	<p><b>Steering Committee</b> (Director of EaStCHEM, 2 Heads of Chemistry + 5 external advisors) Annually</p> <p><b>Research Management Committee</b> (Director, his/her administrative officer, 2 Heads of Chemistry, 2 representatives from each of the 2 parent schools) Monthly</p> <p><b>Postgraduate School Committee</b> (Chair, 2 postgraduate school coordinators – 1 from each University, 2 other representatives from parent schools) Monthly</p> <p><b>Strategy and Development Committee</b> (Chair + appropriate representatives of the research groupings) Monthly</p>
<b>Themes</b>	Core Research groupings: Chemical Biology; Synthesis; Materials; Structural Chemistry; Chemical Physics; Biophysical Chemistry; Inorganic Chemistry and

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	Catalysis.
<b>Directorate</b>	The Director of EaStCHEM and convener of the Management Committee will be the Head of one of the parent Schools with the Deputy Director being the Head of the other School – these positions would typically be on a three-year rotation.

### End of award

<b>Final report</b>	October 2011
<b>Highlights from final report</b>	<p>All of the original milestones, targets, objectives and aspirations for EaStCHEM were met and comfortably exceeded during the first five years.</p> <p>The Research competitiveness of EaStCHEM was recognised by RAE2008 (to which a joint submission was made), which concluded:</p> <ul style="list-style-type: none"><li>• 100% of EastCHEM research is internationally recognised</li><li>• 30% of EastCHEM research is 4* world leading</li><li>• 11.6% of Chemistry world leading research in the UK comes from EastCHEM (2<sup>nd</sup> behind Cambridge).</li></ul> <p>Publications rose from ~300pa in 2005 to ~500pa in 2010</p> <p>Research Council income (by spend HESA statistics) increased by 20% in 2008/09 and 35% in 2009/10.</p> <p>All EaStCHEM facilities are available to all research workers on an equal footing. This has enabled high quality infrastructure and minimal duplication.</p>

## HeriotWattCHEM

<b>POOL</b>	HeriotWattCHEM		
<b>Original Partners</b>	HeriotWatt		
<b>Funding</b>	SFC £0.8M Institution £1.7M		
<b>Start</b>	2005	<b>End</b>	2010
<b>Original objectives</b>			
HWCHEM aimed to: enhance research activity in the chemical sciences at Heriot-Watt University by expanding the capacity to do more research, of a higher quality, in a sustainable fashion; and to allow Heriot-Watt University to participate effectively in the activities of ScotCHEM.			

### Funding breakdown

	<b>SFC (£000s)</b>	<b>Institution (£000s)</b>	<b>Total (£000s)</b>
<b>Salaries</b> 2 Chairs 1 lecturer 1 reader 1 Fellow	<b>612</b>	<b>472</b>	<b>1,084</b>
Studentships (10)	<b>188</b>	<b>252</b>	<b>440</b>
Infrastructure		<b>1,000</b>	<b>1,000</b>
<b>Total</b>	<b>800</b>	<b>1,724</b>	<b>2,524</b>

### Governance / structure

<b>Original Governance</b>	Existing governance arrangements within HW. <b>ScotCHEM Advisory Board</b> met twice a year or more frequently in response to specific issues.
<b>Directorate</b>	No funded directorate

### End of award

<b>Final report</b>	October 2011
<b>Highlights from final report</b>	REF went from 27 <sup>th</sup> to 22 <sup>nd</sup> Grant winnings over the period of awards, rising from £312K in 2004 to over £2.5 M in 2010 Overall 12 appointments have been made and all of these have been retained in post (additional Chair and 6 additional lecturers). ScotCHEM has also provided a framework for enhanced engagement with Industry, both through the involvement of Chemical Sciences Scotland at the ScotCHEM Advisory Board, and most tangibly through the award of 4 PhD studentships through the SPIRIT award scheme.

## WestCHEM

<b>POOL</b>	<a href="#">West CHEM</a>		
<b>Original Partners</b>	Glasgow Strathclyde		
<b>Funding</b>	SFC £4.3M Co-funding OST £2.8M Institutions £4M		
<b>Start</b>	2005	<b>End</b>	2010
<b>Original objectives</b>			
The WestCHEM vision was to create one of the UK's top research schools in Chemistry by the merger of the research schools of the Department of Chemistry at the University of Glasgow and the Department of Pure and Applied Chemistry at the University of Strathclyde to create a sustainable, internationally excellent, Research School in Chemical Sciences able to compete with the best in the world.			

### Funding breakdown

	SFC (£000s)	Institution (£000s)	Total (£000s)
<b>Salaries</b> 6 Professors			1,614
Studentships (20)			1,325
Support staff			94
Refurbishment			6,171
Equipment			500
Other costs			1,350
<b>Total</b>			<b>11,053</b>

### Governance / structure

<b>Original Governance</b>	<b>Management Team</b> consisting of the Director, Deputy Director, HoDs, Deputy HoDs, Facilitator (initially), and nominated staff. <b>Advisory Board</b> consisting of four external assessors, (eminent internationally respected members of the UK chemistry community) the Director, Deputy Director and the two HoDs.
<b>Directorate</b>	Director and Deputy Director. These two appointees to come from different Universities, and the posts expected to run on a 2-year cycle. Secretarial support
<b>Research themes</b>	Strategic focus on investment in Biological Chemistry and Materials Science.

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### End of Award

<b>Final report</b>	October 2011
<b>Highlights from final report</b>	<ul style="list-style-type: none"><li>• Joint submission to RAE 2008</li><li>• a total of £44M of additional income generated since the start of WestCHEM of which £32M has come from Research Councils and a further £2.5M from industry,</li><li>• support of over 360 PhD students and a further 50 MPhil students over the 5 year period,</li><li>• a rise in outputs from 237 in 2005 to 298 in 2010 with a high of 332 in 2009 and a total of 1992 over the five year period, indicating the sheer volume of the research which is being produced.</li></ul> <p>In terms of quality the number of high level papers has increased dramatically with papers published in Science (3), Nature Chemistry (8), Nature Nanotechnology (3), Nature Biotechnology, Nature Chemical Biology and Proceedings of the National Academy of Sciences USA (2). Prior to the formation of WestCHEM the number of papers in these types of journals could be counted on one hand going back to 1992.</p>

## ScotCHEM

### Continuation Funding

<u>ScotCHEM</u>			
<b>Partners</b>	Aberdeen, Dundee, Edinburgh, Glasgow, Heriot-Watt, St Andrews, Strathclyde Formed from the three regional pools.		
<b>Funding</b>	SFC £700,000 reduced to £560,000 Institutions £560,000		
<b>Start</b>	Aug 2015	<b>End</b>	Dec 2020

### Funding breakdown

	<b>Total (£s)</b>
Staff costs (Directorate)	<b>400,000</b>
Engagement activities	<b>200,000</b>
Other	<b>100,000</b>
<b>Total</b>	<b>700,000</b>

<b>Governance</b>	Director of Training and Pooling reports to CEO and the Management
<b>Directorate</b>	Chief Executive Officer (0.2FTE) Director of Training and Pooling (1FTE) Administrator

### Highlights from AY2017/18 annual report

In the third year of new funding for ScotCHEM, there were 141+ research seminars including 53 (28%) given by overseas scientists and 7 (5%) given by researchers based in industry.

There was successful engagement with industry (49 grants), representing multinationals (BP, GSK and Astra Zeneca) as well as Scottish SMEs (10). There were 29 new interactions with overseas companies.

ScotCHEM support was crucial in Edinburgh establishing its 'Scottish High Field NMR Centre'. The EPSRC invested £1.4M to upgrade Edinburgh's 800MHz NMR spectrometer. Our support will mean that the universities of Aberdeen, Dundee, Edinburgh, Glasgow, St Andrews and Strathclyde, Heriot-Watt University, and the Beatson CRUK Institute will have access.

The facilities database has grown both in content and user numbers.

ScotCHEM has delivered a program of training opportunities including online taught-modules and ad hoc training opportunities. An overview of our online taught-modules is available at <http://www.scotchchem.ac.uk/sharedpostgraduate->

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modules/. These are available via the independent Moodle hosted at Napier. The program's inaugural year saw 15 modules delivered to a cohort of 67 students.