

“The (Computer Science) Department's excellent relations with industry have led to its designation as a University Technology Centre by Rolls Royce and as a Centre of Excellence by BAE Systems. Furthermore, a Dependable Computing Systems Centre was established in 1991 at York and Newcastle to provide BAE Systems with both improved understanding of key dependability concepts and improved methods for achieving and assessing dependability.”¹

- University of York Website

University of York Military Projects 2001 - 2006

Overall Statistics

Total no. of projects	Minimum amount received from Projects	Ranking by: a) no. of projects b) amount (£)	Top 3 funders (by no. of projects)	Top 3 departments (by no. of projects)
59	£7,764,687	a) 13th= b) 14th	1) BAE Systems 2) QinetiQ 3) EPSRC	1=) Computer Science 1=) Electronics

School of Chemistry

Source/ Sponsor/ Partner	Project	Amount	Year
EPSRC and MoD	A Unified, One-Pot Route to C-Glycosides: Optimisation and Application	£175,312	Jan 2004 - July 2007 ²

School of Computer Science

Source/ Sponsor/ Partner	Project	Amount	Year
British Aerospace/ BAE Systems	Dependable Computing Systems Centre (DCSC), collaborative with: • University of Newcastle	£?	1991 - Present ³
Rolls Royce Plc	Systems and Software Engineering University Technology Centre (UTC)	£?	Oct 1993 - Present ⁴
EPSRC and QinetiQ (Malvern)	Terrain Analysis with Radar Imagery	£214,356	April 1998 - Sept 2001 ⁵
EPSRC and QinetiQ (Malvern)	Relational Models for Recognition and Learning	£154,167	Dec 1998 - May 2002 ⁶
EPSRC and DERA Malvern	Spectral Retrieval from Large Structural Data-Bases	£205,982	May 2001 - Oct 2004 ⁷
EPSRC, BAE Systems Plc and Rolls Royce Plc	Models and Techniques for Intergrated System Safety Engineering (MATISSE)	£435,390	Jan 2002 - Dec 2004 ⁸

Source/ Sponsor/ Partner	Project	Amount	Year
EPSRC, Rolls Royce Plc and others	Distributed Aircraft Maintenance Environment: DAME	£3,096,172	Jan 2002 - Sept 2005 ⁹
EPSRC, British Aerospace Plc, QinetiQ (Malvern) and Rolls Royce Plc	DARPS: DARPS 2002 Initiative - High Integrity Real-Time Systems (HIRTS). DARPS Research will be carried out collaboratively with: <ul style="list-style-type: none"> • BAE Systems • Rolls Royce Plc and • QinetiQ 	£1,090,078	Oct 2002 - Sept 2006 ¹⁰
BAE Systems, Messier-Dowty (Smiths Group) and others	SLATS: Safer Landing, Approach and Taxi Systems for Civil Aircraft	£166,000	Mar 2003 - Sept 2005 ¹¹
EPSRC funded Part of the Novel Computational Research Cluster, which involves: <ul style="list-style-type: none"> • BAE Systems • QinetiQ • University of Birmingham • University of Edinburgh • Imperial College, London • University of Kent • University of Manchester • University of Sunderland • University College London • UMIST and • University of the West of England, Bristol 	What Emerges when <i>In Vivo</i> meets <i>In Silico</i> (EIVIS)	£?	July - Dec 2003 ¹²
QinetiQ and others	Facial Attribute Recognition (FAR)	£175,000 total	Aug 2003 - July 2005 ¹³
EPSRC funded Involves: <ul style="list-style-type: none"> • University of Kent • University of Aberystwyth • Napier University • University of Nottingham • University College London and • BAE Systems 	Network for Artificial Immune Systems (ARTIST)	£?	Nov 2003 - Dec 2006 ¹⁴
EPSRC, BAE Systems,	Real-Time Systems Research Group	£?	Mar 2004 Onwards ¹⁵

Source/ Sponsor/ Partner	Project	Amount	Year
DERA, Rolls Royce Aeroengines and others			
BAE Systems	Industry Sponsored Prize: Outstanding Performance in Exams. Awarded to a 2 nd Year Student	£150	2006 ¹⁶
QinetiQ	Industry Sponsored Prize: Outstanding Performance in Exams (excluding Project). Awarded to a Final Year Student	£150	2006 ¹⁷
EPSRC and BAE Systems	Hierarchical System Management for Integrated Modular Systems	£78,600	2006 - 2010 ¹⁸
Current Members include: <ul style="list-style-type: none"> • University of Birmingham • University of Edinburgh • University of Kent • University of Manchester • University of the West of England, Bristol • University of Sunderland • University College London • UMIST and • BAE Systems Sowerby 	Openness, Diversity, Interaction, Structure, Scale: A Bio-Inspired Approach to Computation (ODISSIAC)	£?	Current as of May 2007 ¹⁹

School of Electronics

Source/ Sponsor/ Partner	Project	Amount	Year
EPSRC, Matra BAE Dynamics (UK) Ltd, DERA and others	Improved Definition and Measurement of Electromagnetic Shielding Effectiveness	£140,417	Aug 1999 - July 2002 ²⁰
QinetiQ	PhD Funding (3 years) of Electronics Students	£? 3 Graduates	2001 Onwards ²¹
BAE Systems	PhD Funding (3 years) of Electronics Students	£? 1 Graduate	2001 Onwards ²²
RAF	MSc Degree Funding (1 year) of Electronics Student	£? 1 Graduate	2001 Onwards ²³
DERA	Industrial Placements for Undergraduate Students	£? 7 Students	Jan 2001 to Jun 2001 ²⁴

Source/ Sponsor/ Partner	Project	Amount	Year
GKN Westland	Industrial Placements for Undergraduate Students	£? 2 Students	Jan 2001 to Jun 2001 ²⁵
QinetiQ	Industrial Placements for Undergraduate Students	£? 3 Students	Jan 2002 to Jun 2002 ²⁶
Augusta Westland Helicopters	Industrial Placement for Undergraduate Student	£? 1 Student	Jan 2002 to Jun 2002 ²⁷
QinetiQ	Industrial Placements for Undergraduate Students	£? 5 Students	Jan 2003 to Jun 2003 ²⁸
Augusta Westland Helicopters	Industrial Placements for Undergraduate Students	£? 4 Students	Jan 2003 to Jun 2003 ²⁹
QinetiQ	Industrial Placements for Undergraduate Students	£? 4 Students	Jan 2004 to Jun 2004 ³⁰
Augusta Westland Helicopters	Industrial Placements for Undergraduate Students	£? 3 Students	Jan 2004 to Jun 2004 ³¹
QinetiQ Ltd	PhD Topic: Interactive Multiuser Detection	£?	Sept 2004 ³²
QinetiQ	Industrial Placements for Undergraduate Students	£? 4 Students	Jan 2005 to Jun 2005 ³³
Augusta Westland Helicopters	Industrial Placement for Undergraduate Student	£? 1 Student	Jan 2005 to Jun 2005 ³⁴
QinetiQ	Industrial Placement for Undergraduate Student	£? 1 Student	Jan 2006 to Jun 2006 ³⁵
EPSRC, BAE Systems	<p>Integrated Aerospace Research (FLAVIIR). Four Fully Funded PhD Scholarships at:</p> <ul style="list-style-type: none"> • University of York in Wireless Communication, Networks and EMC • University of Nottingham • University of Liverpool and • University of Manchester <p>Other Universities involved in the Project:</p> <ul style="list-style-type: none"> • Cranfield University • Imperial College of Science Technology and Medicine • University of Leicester 	£6,200,000 for total project. Split into a 3 Year Research Phase followed by a 2 Year Demonstration Phase	Current 5 year Project as of May 2007 ³⁶

Source/ Sponsor/ Partner	Project	Amount	Year
	<ul style="list-style-type: none"> University of Southampton University of Wales, Swansea and University of Warwick 		

Miscellaneous funding received by the Computer Science and Electronics departments

Source/ Sponsor/ Partner	Project	Amount	Year
British Aerospace	N/A	£?	2001 ³⁷
Westland Helicopters	?	£8,907	2001 ³⁸
BAE Systems	?	£280,595	2001 ³⁹
British Aerospace	N/A	£?	2002 ⁴⁰
Westland Helicopters	?	£5,155	2002 ⁴¹
BAE Systems	?	£226,370	2002 ⁴²
BAE Systems	?	£226,839	2003 ⁴³
Rolls-Royce	?	£101,877	2003 ⁴⁴
Westland Helicopters	?	£8,178	2003 ⁴⁵
British Aerospace	N/A	£?	2003 ⁴⁶
BAE Systems	?	£344,090	2004 ⁴⁷
Smiths Aerospace Electronic Systems	System Safety Assessment Course	£5,310	2004 ⁴⁸
Rolls-Royce	?	£217,595	2004 ⁴⁹
Atomic Weapons Establishment Plc	Project related to 'Multi-FGPA Visualisation'.	£103	2004 ⁵⁰
QinetiQ	Consultancy to Adaptive Agents Agile team	£5,000	2004 ⁵¹
British Aerospace	N/A	£?	2004 ⁵²
AMS Ltd	?	£24,600	2004 ⁵³
MoD	Practical Form Specification Phase 3, Part 2	£12,550	2004 ⁵⁴
BAE Systems	?	£176,114	2005 ⁵⁵
EADS	?	£231	2005 ⁵⁶
Rolls Royce	?	£147,565	2005 ⁵⁷
QinetiQ	Industrial Award	£407	2005 ⁵⁸
AMS Ltd	?	£3,811	2005 ⁵⁹
MoD	Practical Form Specification Phase 3, Part 2	£37,616	2005 ⁶⁰

Other Projects of Note

Projects starting 2007, School of Computer Science			
Source/ Sponsor/ Partner	Project	Amount	Year
EPSRC and QinetiQ	Programming from Control Laws. Project part of a ongoing collaboration with QinetiQ through a Royal Society Industry Fellowship.	£318,472	Jan 2007 - Sept 2010 ⁶¹
EPSRC, Defence Communications Service Agency (MoD) and others	System-Smart Intrusion Detection	£228,258	Feb 2007 - July 2009 ⁶²

EPSRC, QinetiQ (Malvern) and others	Interdisciplinary Design and Evaluation of Dependability (INDEED)	£388,072	Feb 2007 - Jan 2011 ⁶³
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Notation

£? Denotes projects whose value we were unable to discover.

Endnotes

¹ “Research in the Department: Research Funding and Industrial Links”. University of York, Department of Computer Science. <http://www.cs.york.ac.uk/gsp/research/department.php>. 11 May 2007.

² “Details of Grant”. Engineering and Physical Sciences Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/S59604/01>. 11 May 2007.

³ “High-Integrity Systems Engineering: Research”. University of York, School of Computer Science. <http://www.cs.york.ac.uk/hise/research.php>. 11 May 2007. And; “Dependable Computer Systems Centre (DCSC)”. University of York, School of Computer Science, High Integrity Systems Engineering. <http://www.cs.york.ac.uk/hise/dcsc.php>. 11 May 2007.

⁴ “Systems Software Engineering University Technology Centre”. University of York, School of Computer Science. <http://www.cs.york.ac.uk/hise/utc.php>. 11 May 2007.

⁵ “Details of Grant”. Engineering and Physical Sciences Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/L84063/01>. 11 May 2007.

⁶ “Details of Grant”. Engineering and Physical Sciences Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/M28613/01>. 11 May 2007.

⁷ “Details of Grant”. Engineering and Physical Sciences Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/N33348/01>. 11 May 2007.

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⁹ “Details of Grant”. Engineering and Physical Sciences Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/R67668/01>. 11 May 2007.

¹⁰ “Details of Grant”. Engineering and Physical Sciences Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/S16782/01>. 11 May 2007. And; “Defence and Aerospace Research Partnership in High Integrity Real Time Systems”. University of York, School of Computer Science. <http://www.cs.york.ac.uk/hise/darp.php>. 11 May 2007. And; “High-Integrity Systems Engineering”. University of York, School of Computer Science. <http://www-users.cs.york.ac.uk/~jam/>. 11 May 2007.

¹¹ “Grants Held in the ACA Group”. University of York, School of Computer Science. <http://www.cs.york.ac.uk/arch/NeuralNetworks/grants.html>. 11 May 2007.

¹² “Non-Standard Computation Group: Research Projects and Grants”. University of York, School of Computer Science. <http://www.cs.york.ac.uk/nature/group/pastproj.htm>. 11 May 2007.

¹³ “Grants Held in the ACA Group”. University of York, School of Computer Science. <http://www.cs.york.ac.uk/arch/NeuralNetworks/grants.html>. 11 May 2007.

¹⁴ “Non-Standard Computation Group: Research Projects and Grants”. University of York, School of Computer Science. <http://www.cs.york.ac.uk/nature/group/pastproj.htm>. 11 May 2007.

¹⁵ “Real-Time Systems Research Group”. University of York, School of Computer Science. <http://www.cs.york.ac.uk/flyers/rts.pdf>. 11 May 2007.

¹⁶ “Students’ Taught Course Handbook: Sponsored Prizes”. University of York, School of Computer Science. <http://www.cs.york.ac.uk/hdbk/handbook2006.pdf>. 11 May 2007, p. 81 (91).

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- ¹⁷ “Students’ Taught Course Handbook: Sponsored Prizes”. University of York, School of Computer Science. <http://www.cs.york.ac.uk/hdbk/handbook2006.pdf>. 11 May 2007, p. 81 (91).
- ¹⁸ “Career Summary: Current Grants”. University of York, School of Computer Science. <http://www-users.cs.york.ac.uk/~jib/>. 11 May 2007.
- ¹⁹ “(ODISSIAC) Openness, Diversity, Interaction, Structure, Scales: A Bio-Inspired Approach to Computation”. University of York, School of Computer Science. <http://www.cs.york.ac.uk/nature/odissiac/>. 11 May 2007.
- ²⁰ “Details of Grant”. Engineering and Physical Sciences Research Council. <http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=GR/M05782/01>. 11 May 2007.
- ²¹ Charles Fonge. University Records manager and Archivist, University of York. 23 March 2006. Sent to Fellowship of Reconciliation.
- ²² Charles Fonge. University Records manager and Archivist, University of York. 23 March 2006. Sent to Fellowship of Reconciliation.
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- ³¹ Charles Fonge. University Records manager and Archivist, University of York. 23 March 2006. Sent to Fellowship of Reconciliation.
- ³² “Iterative Multi-User Detection”. University of York, Department of Electronics. http://www.yorkcomms.com/theses/shen_thesis.pdf. 11 May 2007.
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⁶¹ "Details of Grant". Engineering and Physical Sciences Research Council.
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<http://gow.epsrc.ac.uk/ViewGrant.aspx?GrantRef=EP/E028128/1>. 11 May 2007.

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