Welcome to the Michaelmas Term 2015 edition of CatzEye...

I am delighted to introduce you to another Michaelmas edition of CatzEye. As we welcome our new and returning students to St Catherine’s this term, I am encouraged by the way new students have immersed themselves in College life, and how warmly they have been welcomed into the Catz community. I look forward to seeing their many achievements as the year unfolds.

St. Catherine’s continues to thrive as much as ever. Our Finalists have excelled once again, bringing the College to a most creditable sixth place in the Norrington table and amassing a range of University prizes, including Harriet Smith Hughes (2012, English) achieving the top performance in English Finals across the University. You can read more about these academic achievements on pages 3 and 4. I wish our recent Leavers the very best of luck as they embark on their new life as graduates, and I do hope they stay in touch with the College in the years to come.

A number of our Fellows have been awarded honours, including Professor Tommaso Pizzari, who was awarded a ZSL Scientific Medal for his zoological research, Professor Kia Nobre, who has been elected a Fellow of the British Academy, and Professor Angela Brueggemann, awarded the Freedom of the City of London, maintaining St Catherine’s long-standing link with the Leathersellers Company. We have also welcomed three new Tutorial Fellows to the College, further strengthening our reputation for high-quality teaching and research.

I would like to make a special mention of our recent Telethon, which you can read more about on page 3. St Catherine’s remains committed to ensuring the very best educational and extra-curricular opportunities for our students, regardless of their financial means, and the support of our alumni and friends is central to helping us achieve this aim. I would like to take the opportunity to extend my deepest thanks to all those who contributed so generously.

This summer marked the 200th anniversary of Summer Eights, and the women’s rowing squad were lucky enough to enter in a brand new boat, named after St Catherine’s last wooden clinker, ‘All Rabbit’s Friends and Relations’. The money for the new boat was donated by former Catz oarsman, Professor David Morris, together with another alumnus, who wishes to remain anonymous. Professor Morris had been part of the crew that took delivery of the College’s last clinker-built boat in 1959 and having subsequently rowed it up from London, he was keen to see the name revived.

CatzEye thanks and acknowledges Professor Roger Ainsworth, Guy Bell and John Cairns for their permission to reproduce photographs, along with John Charles Smith, Fellow and Tutor in French Linguistics, for his kind proofreading.

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Edited by Emily Moss and Rosie Bridson
2015 Finalists in Norrington Table
Record Result

St Catherine’s is delighted to announce a strong performance from our 2014-2015 Finalists, placing the College sixth in the Norrington Table. The Norrington score is based on the classifications of undergraduate degrees. Five points are awarded for First-Class Honours, three points for Upper Second-Class Honours, two points for Lower Second-Class Honours and one point for Third-Class Honours, and this total is divided by the maximum possible score for the college. The Norrington table is intended to serve as a measure of undergraduate success, enabling colleges to be ranked on the basis of academic achievement.

This year, we have much to celebrate, with 45 of our Finalists achieving First-Class Honours and 79 achieving Upper Second-Class Honours, leading to a total percentage of 72.52%. This result continues the College’s upward trend academically within the university.

The Master, Professor Roger Ainsworth, commented: “I am delighted with the evident success of our students this year, which is testament to their brilliance and hard work, coupled with that of their tutors. This result sits happily with their performance in the fields of music, drama and sport, to name but three.”

The College is celebrating the success of this year’s Telethon, which raised over £300,000. This total includes a generous matching gift of £47,000 from alumnus Dr Wilfred Wong (m. 1976). We are deeply grateful for Wilfred’s support, which significantly boosted the total raised and inspired many alumni to donate to St Catz for the very first time.

We were delighted to welcome Wilfred back to the College at the beginning of October, when he visited the sixteen students who were manning the phones in the Library. They greeted him with rapturous applause, and he very kindly encouraged them in their work. In addition to our main calling in the autumn, the campaign also consisted of a smaller Telethon with seven student callers in June.

Our students spoke to almost 1,000 alumni, updating them on College news, giving them an insight into student life today, as well as receiving some valuable careers advice. More than half of those we contacted decided to donate, and a third of those who gave were first-time donors. We are very thankful to everyone who contributed, thereby ensuring St Catz will continue to thrive for generations to come.

If you would like to make a gift to the College, you can do so by completing and returning the enclosed Giving Form or by visiting www.campaign.ox.ac.uk/stcatz.
Catz Students Awarded
University Prizes

St Catherine’s is delighted to announce an array of University Prizes, in recognition of our students’ exceptional performance in their examinations.

In Computer Science, Matthew Gripton (2013, Computer Science) was awarded the WorldQuant Prize for the Group Design Practical, and Paul-Stefan Herman (2013, Computer Science) received the Ensoft Prize for the Group Design Practical.


In Experimental Psychology, Courtney Spoerer (2012, Experimental Psychology) gained a number of prizes, including the George Humphrey Prize for Psychological Studies, the Gibbs Prize for the Best Psychological Studies Library Dissertation, the British Psychological Society Undergraduate Award. He was awarded a Congratulatory First.

In Law, Martin Dickson (2012, Law) was awarded the Linklaters Prize in Competition Law and Policy, and the Law Faculty Prize in Copyright, Trade Marks and Allied Rights. Samuel Taylor (2012, Law) ranked fourth in the cohort and received the 5 Stone Buildings Prize for Trusts, along with a Gibbs Book Prize and Latifah Sat (2014, Law) earned the Slaughter & May Prize for Best Performance in A Roman Introduction to Private Law. Thom Wetzer (2014, Law) was awarded a number of prizes, including the MLF Prize for the Best Overall Performance in the MSc in Law and Finance, the MLF Prize in Law and Economics of Corporate Transactions, the Law Faculty Prize in Comparative Corporate Law, and the Law Faculty Prize in Principles of Financial Regulation.

In Materials Science, Frederica Onslow (2011, Materials Science) ranked third in the cohort and received the Worshipful Company of Ironmongers’ Prize for Best Part II Talk and Kaiyi Chen (2014, Materials Science) collected the Armourers and Brasiers’ Company / Rolls-Royce Prize for Outstanding Performance in Prelims. In Modern Languages, William Goddard (2011, Modern Languages) was ranked eighth out of 207 for his performance in Final Honour Schools, whilst Joseph Cock (2011, Modern Languages & Linguistics) ranked fifth in the cohort.

Many other subjects enjoyed success, with Wilfred Diment (2013, Chemistry) collecting the SABMiller 3rd Prize for Performance in Chemistry Part IA and Harriet Smith Hughes (2012, English Language and Literature) ranking first out of 251 in the Final Honour School as well as collecting the Gibbs Prize for both the Best Paper 6 Extended Essay and the Best Overall Performance in Course 1. Amelia Davy (2012, Geography) received the Herbertson Prize for Best Human Geography dissertation, Emma Vidler (2013, Medical Sciences) was commended for her performance in the Pyschology of Medicine, Carolyn Scott (2011, Molecular and Cellular Biochemistry) received a Gibbs Book Prize for her results which placed her second in a cohort of 90, and Amelie Buxton (2012, Physics) was awarded the Gibbs Prize for the BA Group Project Presentation.

Many congratulations to all!
The Boat Club also bids farewell to Malcolm Spencer (2005, Modern History), who is leaving Oxford after ten years at the College. Malcolm has competed in 84 bumps races and has been coaching the women’s squad since 2012.

Dr Gancz talks of Experiences in Sierra Leone

In Trinity term, Catz Biomedical Society hosted a talk by Dr Gordon Gancz about his experiences working in an Ebola treatment centre in Sierra Leone. Dr Gancz served as the College Doctor for 38 years, until 2014, after which he joined the first wave of NHS volunteers helping with the Ebola crisis in West Africa.

The Biomedical Society enjoyed listening to Dr Gancz, as he recounted the constant challenges the volunteers had faced in Port Loko, ranging from the dangers of overheating in the extensive protective gear, to a bush fire that threatened to destroy the treatment centre. Dr Gancz, who was head of staff health in Port Loko, recalled how the complete lack of human touch was an unexpectedly difficult aspect. Although staff could not make any physical contact in order to avoid spreading the disease, on New Year’s Eve they all donned their protective suits for a New Year hug. Hannah Partington (2013, Biomedical Sciences), who organised the event, said: “It was a fantastic talk, full of both funny anecdotes and hard hitting realities of his time in Sierra Leone.”

Catz Students Set Raspberry Pi Challenge

JCR IT Rep, Thomas Joy (2013, Engineering Science) ran a computing competition in College earlier this year. Aimed at those with little or no coding experience, the task for teams was to propose a device that could be built using a Raspberry Pi, a very small but versatile computer, used to teach basic computer science in schools. The entries were presented to a panel of judges and the top three ideas secured funding to carry out the project. The JCR will now vote for their favourite, to decide the overall winner. Currently in the running are: a robotic tortoise, an automated cocktail machine, and a dynamic lighting system.
JCR hosts Arts Festival

In Trinity Term, one Catz student, clad in a wetsuit and snorkelling gear, emerged out of the College’s moat clutching a paintbrush. This surrealist happening signalled the start of Catz Arts Week; a programme of sixteen events organised by the newly-formed Arts Club.

The College bar hosted a number of events, ranging from an opening night performance by the Revue comedians, to a spoken-word event with the Burn After Reading young poets collective. As part of a variety of musical events, Daniel Baboulene (2012, Music) and Joshua Hagley (2013, Music) showcased their short film scores, and the Broad Street Dancers troupe led a workshop and performance.

Catz welcomed a number of visiting artists, including Lucy Lyons, who gave a talk on the history of art in medicine; portraitist and former Slade teacher, Tom Davies; and sound artist, David Stevens, who replicated one of his installation pieces in the JCR lecture theatre.

Alumnus and playwright David Rudkin (1957, English) led a workshop on developing writing skills, also sharing anecdotes about his time at St Catz. The College was in the spotlight for an architectural and historical tour led by History of Art Fellow Gervase Rosser, and the woodland fringes of the College grounds became the setting for an outdoor horror film screening, which concluded the week.

Lucy Byford (2013, History of Art), JCR Arts Rep

Archery Success for Catz Student

Catz student, Amaryllis Barton (2011, English & Modern Languages), participated in the Southern Counties Archery Championships in April, claiming the gold medal in the women’s recurve event. She followed this success by winning the Oxfordshire County Championships in June.

Amaryllis represented the University at the British Universities Championships in June, where she competed in the women’s team event. Oxford won with a total score of 3343, beating Cambridge into second place, with a score of 3267. The Oxford women’s team also won the indoor British Universities Championships, beating Aberdeen and Edinburgh.

Centurions in Varsity Cricket

St Catz was represented by current students, Sarah Attrill (2014, Biological Sciences) and Siân Kelly (2014, Modern Languages & Linguistics) in the Women’s Varsity Cricket this year. Siân and Sarah played in the Women’s Varsity Twenty20 Match, scoring 127 not out and 57 not out respectively. They secured the win for Oxford, by a total of 129 runs. Siân also set a record number of runs for an Oxford University Women’s Cricket Club player in any match for Oxford.

Sarah then went on to break this record in the 50 over match, where Oxford triumphed over Cambridge, scoring 288 for 7 and winning by over 100 runs. Sarah scored 141 not out, winning the ‘Man of the Match’ award.

Matthew Clements (2014, Geography) and Nick Taylor (2014, Mathematics) continued Catz’s cricket success, playing for the University second team, the Authentics. In a closely fought 50-over game against Cambridge, Matthew scored 147 not out, although this was not enough to deny Cambridge a narrow victory. In the three-day fixture against Cambridge, Oxford had better success, scoring 479 for 9, of which Matthew scored 87 and Nick scored 123, and the fixture resulted in a draw dominated by Oxford.
Catz Student secures First Prize in Banking Competition

Catz student Linda Geaves (2011, Geography & Environment) was part of a team of three DPhil students that represented the University at the London Cyberhack 2015. The challenge was to help NatWest better identify and authenticate their customers, without compromising security. The team developed a system called Trusted Friends, to authorise or reject suspicious transactions via a network of the user’s trusted friends. They won first prize for Best Design and User Experience, as well as being declared winner of the NatWest Challenge. The team will now be meeting with executives of NatWest to take the product to market.

Catz Students enjoy Yachting Success

Catz students, Thomas Joy (2013, Engineering Science) and Oliver Glanville (2013, Geography) enjoyed a successful year representing the University on the Yacht Racing team. Team captain Thomas and helmsman Oliver secured second place at the BUCS Yachting Championships, qualifying them to compete in the Student Yachting World Cup in France in October.

Thomas thanked the College for its support in preparing for the competition. He commented: “Catz was especially supportive of the club this year by enabling us to use the PDR for theory sessions, something which gave us the edge on the water. I’m extremely grateful for the hospitality provided.”

Tennis Cuppers Victory for Catz Team

St Catz enjoyed victory in the Women’s Tennis Cuppers. This year’s team, consisting of Stephanie Austera (2012, Law), Siya Anand (2014, Experimental Psychology), Siân Kelly (2014, Modern Languages & Linguistics), and captains Sophie Taylor (2013, Medical Sciences) and Alexandra Grime (2013, Geography), beat Keble College in the final to conclude a successful year.

In the box rounds, St Catz secured convincing victories against Lady Margaret Hall, New College and Mansfield, before beating a strong Pembroke team 4-2 in the semi-final. In the final, Keble and Catz were tied after two doubles and four singles matches, at 3-3 in sets and 26-26 in games. In a close finish, Alex and Sophie clinched the deciding doubles tie-breaks for the Cuppers win.

College hosts Inaugural Residential for Northern Ireland Schools

Since 2010, St Catherine’s, in conjunction with New College, has been assigned Northern Ireland as its target area for outreach programmes. This summer, the College hosted an inaugural residential event for students and teachers from Northern Ireland, with a programme of activities over two days.

A total of 60 lower-sixth students and 22 teachers attended the residential, taking part in a number of activities, including tutorials, research presentations from our Fellows and tours of the College and Oxford. The event was a resounding success, with those who attended particularly praising the Catz student ambassadors. One student who took part commented: “The Oxford ambassadors, who went out of their way to converse and form bonds with us, made the experience so much more enjoyable, and helped tremendously in changing my perception of Oxford University. The English lecture and tutorial got me so excited and enthusiastic about studying an aspect of English that I had never even touched upon before.”

College Life
Catz welcomes New Fellows

This term we welcome three new Fellows to the College.

Dr Jessica Goodman, Associate Professor and Tutorial Fellow in French, joins us from Clare College, Cambridge. Her research focuses on authorial self-fashioning and literary posterity in eighteenth-century literature and thought.

Dr Amanda Power, Sullivan Clarendon Associate Professor in History and Tutor in History, joins us from the University of Sheffield, where she was Senior Lecturer in Medieval History. Her research explores the role and thoughts of the early English Franciscans, as well as the intellectual, religious and political life of medieval Europe.

Prof Shimon Whiteson, Associate Professor and Tutorial Fellow in Computer Science, joins us from the University of Amsterdam. His research focuses on artificial intelligence, including improving machine learning for search engine optimisation. He is project leader and scientific coordinator for the TERESA project, which seeks to develop the intelligence of telepresence robots.

Further details about our new Fellows’ research will appear in The Year.

Fellows’ Honours

St Catz Fellow Professor Richard Parish was awarded the insignia of the Ordre des Palmes académiques by the French Ambassador, H.E. Madame Sylvie Bermann, recognising his work in promoting classical French culture throughout his career. Richard has been awarded the order of commandeur, which is the highest grade of the Ordre des Palmes académiques. It is a national order of France, originally founded by Emperor Napoléon, for distinguished academics and figures in the world of culture and education.

Dr Tommaso Pizzari, Fellow and Tutor in Zoology, was awarded a Zoological Society of London Scientific Medal in June 2015, which recognises outstanding achievements in conservation and zoological research. Tommaso has made significant contributions to the field, specializing in the evolutionary ecology of sexual behaviour.

Professor Angela Brueggemann receives her Freedom of London award, alongside the Master, Professor Roger Ainsworth, and Nigel Pullman

Angela was awarded the Freedom, and the Freedom of the Leathersellers’ Company, earlier this year, due to her work as a governor at Colfe’s School, in London. The Leathersellers’ Company has a long association with St Catz, and is actively involved in outreach work in state schools in South East London.

Professor Kia Nobre, Professorial Fellow in Translational Cognitive Neuroscience, has been elected as a Fellow of the British Academy. Kia’s research looks at how neural activity, linked to perception and cognition, is modulated according to memories, task goals, and expectations. She is a distinguished scientist in her field and is Statutory Chair of Translational Cognitive Neuroscience.

Fellows’ Publications

The Brussels I Regulation Recast
Andrew Dickinson, Fellow and Professor in Law, has published The Brussels I Regulation Recast (OUP, 2015). The book discusses the Recast Regulation, providing an article-by-article commentary with reference to the existing case law of the European Court of Justice and leading national decisions.

Microbubbles: New Developments and Perspectives in Translational Neurosonology (Frontiers of Neurology and Neuroscience).
Eleanor Stride, Fellow and Associate Professor in Biomedical Engineering, has contributed a chapter to Translational Neurosonology (Karger, 2015), the 36th volume in the Frontiers of Neurology and Neuroscience series. Eleanor’s chapter, ‘Physical Principles of Microbubbles for Ultrasound Imaging and Therapy’, reviews the different types of microbubble agents, their physical behaviours, and the mechanisms underlying their effectiveness in imaging and therapeutic applications.
Catz Alumni release Single for Teenage Cancer Trust

A cappella group, Afterparty, founded by St Catz alumnus, Nick Barstow (2010, Music), has released a music video in aid of the Teenage Cancer Trust. The group have performed a cover of Ellie Goulding’s ‘Burn’, and all proceeds from the sale of the single will be donated to the charity. It is available for download, on a give-what-you-can basis, via the website Loudr.

Since its inception in 2013, AfterParty has been extremely successful, recently performing at the Aldwych Theatre and St James Theatre, and the group are now due to turn on the Covent Garden Christmas Lights this year. It has been a stronghold for Catz alumni and current members include Nick Barstow (2010, Music), Matthew Chinery (2004, Law) and Jack Graham (2011, History), with Selali Fiamanya (2010, Medical Sciences) and Shona Pratt (2010, History) having also been involved.

Charlotte Marshall sets New World Record

Charlotte Marshall (2010, Modern Languages) has earned a place in the world record books after rowing 100,000 metres – equivalent to the distance from the earth’s surface to the edge of space. Charlotte, who rowed for the University women’s reserve boat, Osiris, completed the feat on a Concept2 rowing machine, in a time of 7 hours, 54 minutes and 25 seconds. This sets a new world record for the female 20-29 age group, which previously stood at 7 hours, 57 minutes and 43 seconds.

Since graduating in 2014, Charlotte has joined the Royal Navy and has been training at the Britannia Royal Naval College. She was commissioned as a Naval Officer in July and will now complete Warfare Officer training, before eventually specialising as a pilot. Charlotte was also awarded the prize for Best Warfare Officer during Initial Naval Training.

Peter Neville Joins NHS Research Ethics Committee

Peter Neville (1965, Metallurgy) has been appointed as a lay member of the NHS Research Ethics Committee for Cambridgeshire and Hertfordshire. During this five-year appointment, Peter will review a wide range of medical research, including clinical trials, research involving prisoners, and the establishment of tissue banks.

Catz Alumnus fights to protect Brighton Hippodrome

Tony Jaffe (1953, Law) is chair of ‘Our Brighton Hippodrome’, a campaign to restore the Brighton Hippodrome for live performance and protect it from redevelopment into retail and cinema units. The newly formed Stakeholder Group is overseeing a viability study to identify a future use for the Grade II* listed Frank Matcham theatre.

1973–1982 Matriculands Visit Catz for Gaudy

St Catz welcomed our 1973-1982 Matriculands at this year’s Gaudy in June. Over 250 alumni attended the event, taking the chance to catch up with old friends and share their memories of St Catz over dinner and drinks. Tours of Catz provided an opportunity to see how much the College has changed, and how much still remains true to Arne Jacobsen’s vision.

Former members of the Boat Club also attended a tour of the College Boat House, organised by Anu Dudhia (1977, Physics), and even took part in an alumni rowing outing!

We would like to thank those who attended, and we hope it was an enjoyable weekend for all. We look forward to seeing many familiar faces at the Gaudy for 1983-1992 Matriculands, next summer.
Alumni Publications


Gurnek Bains (1980, Psychology) has published *Cultural DNA: The Psychology of Globalization* (Wiley, 2015). The book looks at the deepest cultural instincts in eight of the world’s major cultures and examines the impact of this ‘psychological DNA’ on current business and economic strengths, as well as broader issues relating to international relations.

Will Coleman (1981, Zoology) has just published *Plen an Gwari: The Playing Places of Cornwall* (Golden Tree Productions, 2015). The illustrated book explores the Plen an Gwari (amphitheatres) of Cornwall, their role in medieval Cornish theatre culture, and their influence on Shakespearean theatre practice.

Helen Dancer (1994, Politics, Philosophy & Economics) has published *Women, Land and Justice in Tanzania* (James Currey, 2015). The book draws on Helen’s ethnographic research and explores how Tanzania’s land law reforms have impacted on women’s legal claims to land.

Mustafah Dhada (1977, International Relations/African Studies) has just published *The Portuguese Massacre of Winiyamu in Colonial Mozambique, 1964-2013* (Bloomsbury Academic Press, 2015). The in-depth study explores why the massacre took place, what Winiyamu was like prior to the massacre, how events unfolded, how we came to know about it and what the impact of the massacre was, particularly for the Portuguese empire.

David Hall (2010, Physics) has won a Springer Thesis prize for his DPhil thesis, which he completed at St Catz, and it has been published as part of the Springer Theses series. *Discovery and Measurement of the Higgs Boson in the WW Decay Channel* (Springer, 2015) describes the analysis performed by researchers at CERN.

W.D. (Bill) Jackson (1965, English) has published *A Giotto Triptych and Afterwords* (Shoestring Press, 2014); two further selections of poetry from the third part (provisionally entitled *Opus 3*) of his ongoing trilogy, *Then and Now*, on the subject of the individual and his or her place in European history.

David Jaffe (1982, Politics, Philosophy & Economics) has published his second book, *Your Customer Rules* (Jossey-Bass, 2015), which provides simple recommendations for how to determine and address core customer needs. The book defines a hierarchy of seven needs that companies can meet and apply, giving examples of companies that successfully meet these needs and those that don’t.

Keith Ross (1963, Metallurgy) has published the fourth edition of *Teaching Secondary Science* (Routledge, 2015). The book draws on Keith’s experiences in secondary schools and in science teacher education in the UK, India, Nigeria and Pakistan.

Michael Wells (1968, Modern History) has published a number of text books on British History, to support the OCR A-Level specification, including *From Pitt to Peel 1783-1846* (Hodder Education, 2015). In addition to this book, he has co-authored *Britain 1846-1951* and *Britain 1930-1997* (Hodder Education, 2015).


Family News

Natascha Braumann (2003, Modern History & Politics) married Matthias Simnacher, an Innovation Manager at Airbus, on 8 August 2015.
CatzEye meets Alan Wilson (1977, Biochemistry), Vice President and co-founder of video games company, Tripwire Interactive.

The company was formed from the winning team of a games development competition, famously covering all development costs on the first day of sales of their winning game, Red Orchestra.

Whilst at Catz, did you already have an idea of the industry you wanted to go into?

That was the late ’70s and I had absolutely no clue. When I left Catz, I worked in technology, IT, and project management for a number of years. I have fond memories of when the first ‘Space Invaders’ machine appeared in a pub over Magdalen Bridge, and I played some games on Spectrum in the ’80s, but I never took it too seriously. It was the first Medal of Honor, in 1999, which sparked my interest in video games again.

Around that time, games companies and coders started to create the tools that allowed people to modify and create games themselves. I worked on a couple of projects, taking existing games and turning them into what we wanted them to be, purely as a hobby.

The video games industry has a complicated relationship with the general public. Did you find people supportive of your move from more ‘serious’ jobs?

At the time I was running a consultancy business in London, mostly specialising in the finance sector. There were very varied reactions: some people thought I was going to do something very trivial and childish; others thought it sounded exciting; and others were saying, “Starting your own business in that industry, do you have any idea of the risk?”

Four of us set up the company off the back of the contest win; the four of us had never met. We’d spoken over the internet, so we joke that we met over internet dating, but that was the sum total of it. When you look back and think of the fact that it was four people who’d never met, with not much cash to spare, trying to make a game in an industry that’s notoriously hit driven, you look at all the factors and think that it was very ‘brave’.

Red Orchestra aims to have a realistic WWII setting. What sort of research goes into achieving that?

We do a ton of research; huge amounts of reading; data about the weapons themselves. You have to think about how you’re going to interpret that and translate it into the game experience. We own most of the weapons that we have in the games and, for those we don’t, we visited an armoury in Las Vegas. We used the weapons, recorded them: motion capture, sound. For Heroes of Stalingrad I took a research trip to modern day Volgograd so we could actually look at the places where some of the events happened.

Red Orchestra can’t be a realistic experience of life on the Eastern Front, but we strive to make the game look realistic and feel authentic, as if, for that moment of combat, you could have been there.

With professional competitive gamers now earning increasingly large amounts of money, and treated like top athletes in South Korea and China, do you feel public attitude towards gaming is changing? Are people starting to take it seriously?

Gamers are taking it more seriously. It’s getting prime-time TV viewing in the US, it certainly has the potential. A lot of us used to watch darts in the 80s, and that was very hard to take seriously, although the players obviously did. With the amount of money that’s being ploughed into eSports (electronic sports), it’s certainly going to expand. How far that appeal broadens is anybody’s guess. There’s clearly interest from a large number of people, but I think it will be more polarising than games that are simpler to watch, such as football or rugby; it’s harder to understand a game like DOTA, as a casual viewer.
CLUES ACROSS

1. In trigonometric parishes it goes up by the same amount term after term (10, 11)
2. Hears about large ratites (5)
3. Where our armies get their weapons? (9)
4. The muse of Eratosthenes (5)
5. Where Sydney Poitier and Debbie Harry were born (2, 5)
6. His exclusion principle helps explain why matter occupies the term after term (10, 11)
7. Eastern types that make the best relations? (9)
8. 56. Oud brought back for duet (3)
9. If you do this you’ll be back to it! (6, 3)
10. Do such feet proclaim: “I swing both ways”? (5)
11. Knitted garment is clearly not old— but it’s in a state! (3, 6)
12. Buridan’s didn’t know which way to turn (3)
13. – and outs (3)
14. But let a portion of ethereal dew
  Fall on my head, and presently – (5)
15. & 17. Religious ceremony celebrating the memory of a person or an event (13, 7)
16. Wartime pilot is a card (3)
17. Oddly enmesh a river (3)
18. Philosophical temet which can make one go mad (5)
19. Heathie— is it her other name? (5)
20. Buridan’s didn’t know which way to turn (3)
21. Fly away – (3, 4) –
  Dwindle down and leave you!
  But if you don’t deceive your Bees,
  Your Bees will not deceive you – Kipling
22. See the Director General about one of the Cyperaceae (5)
23. See 31 across.
24. & 47. A message to the future— acute and simple (4, 7)
25. Blair-like? Type of societal condition inimical to a free society (9)
26. Expanse of water, basalt and ice (6, 3)
27. Only tree found in Olympic National Forest, Washington (3)
28. First letter read out from Essen (3)
29. Fly away – (3, 4) –
30. The curse of the Oxford academic? ‘Tis the ruin of a mind! (9)
31. Simop— in full (4, 11, 10)
32. & 47.
33. – and outs (3)
34. Cilla’s favourite colour? (5)
35. A hundred inside—up there with the powers that be (7)
36. Where Romans come from? (3, 6)
37. Dog in Mexico (9)
38. What 39 uses to part its hair? (9)
39. Member of genus Apis (3)
40. Where does a 26 enmesh? (7)
41. Curry— one in 26 (5)
42. Curry— one in 26 (5)
43. Where does a 26 enmesh? (7)
44. Ecclesiastical advisory council (5)
45. Additional actor (5)
46. There’s no such thing as a free one, according to Milton Friedman (5)
47. See 32.
48. Creature found in P & A (5)
49. Rods of Mercury with intertwined serpents (7)
50. Illustrious classical violinist who also recorded jazz with Stephane Grapelli (6, 7)
51. Sunken fences— or expressions of derision (2-3)
52. Arthur Henry (3)—author of The Children’s Encyclopaedia
53. A message to the future— acute and simple (4, 7)
54. There’s no such thing as a free one, according to Milton Friedman (5)
55. Pain— like a hatchet? Oo! (9)
56. e.g. “5” — or number from Let it Be without a gap (5)
57. See 31 across.

CLUES DOWN

1. What’s the magic word? (11)
2. I smile when I see this pointer on my desk-top (1-4)
3. That which belongs to a guy in Memphis (3)
4. The muse of Eratosthenes (5)
5. Where does a 26 enmesh? (7)
6. I climb ice— it’s really stupid! (9)
7. eas” – or number from Let it Be without a gap (5)
8. If you do this you’ll be back to it! (6, 3)
9. Do such feet proclaim: “I swing both ways”? (5)
10. It alone can produce joy (7)
11. Knitted garment is clearly not old— but it’s in a state! (3, 6)
12. Oddly enmesh a river (3)
13. Sophia Saller came away with one from the ITU World Triathlon
  Grand Final held in Edmonton in 2014 (4, 5)
14. Oddly enmesh a river (3)
15. Wartime pilot is a card (3)
16. See the Director General about one of the Cyperaceae (5)
17. Blair-like? Type of societal condition inimical to a free society (9)
18. Expanse of water, basalt and ice (6, 3)
19. Fly away – (3, 4) –
  Dwindle down and leave you!
  But if you don’t deceive your Bees,
  Your Bees will not deceive you – Kipling
20. Oddy emmuss a river (3)
21. See the Director General about one of the Cyperaceae (5)
22. Where does a 26 enmesh? (7)
23. See the Director General about one of the Cyperaceae (5)
24. – and outs (3)
25. Sophia Saller came away with one from the ITU World Triathlon
  Grand Final held in Edmonton in 2014 (4, 5)
26. Oddly enmesh a river (3)
27. Only tree found in Olympic National Forest, Washington (3)
28. First letter read out from Essen (3)
29. Fly away – (3, 4) –
30. The curse of the Oxford academic? ‘Tis the ruin of a mind! (9)
31. Simop— in full (4, 11, 10)
32. & 47. A message to the future— acute and simple (4, 7)
33. – and outs (3)
34. Cilla’s favourite colour? (5)
35. A hundred inside—up there with the powers that be (7)
36. Where Romans come from? (3, 6)
37. Dog in Mexico (9)
38. What 39 uses to part its hair? (9)
39. Member of genus Apis (3)
40. Where does a 26 enmesh? (7)
41. Currys— one in 26 (5)
42. Curry— one in 26 (5)
43. Where does a 26 enmesh? (7)
44. Ecclesiastical advisory council (5)
45. Additional actor (5)
46. There’s no such thing as a free one, according to Milton Friedman (5)
47. See 32.
48. Creature found in P & A (5)
49. Rods of Mercury with intertwined serpents (7)
50. Illustrious classical violinist who also recorded jazz with Stephane Grapelli (6, 7)
51. Sunken fences— or expressions of derision (2-3)
52. Arthur Henry (3)—author of The Children’s Encyclopaedia
53. A message to the future— acute and simple (4, 7)
54. There’s no such thing as a free one, according to Milton Friedman (5)
55. Pain— like a hatchet? Oo! (9)
56. e.g. “5” – or number from Let it Be without a gap (5)
57. See 31 across.