

Chemistry Newsletter

Autumn 2023

Inside your Newsletter:

- 1 Introducing New Head of School
- 2 Introducing new staff
- 3 Graduation and Awards
- 4 Chemistry Publications – UG contributors
Electrochemistry Summer School
- 5 Celebrations and Congratulations
- 7 Chemistry Outreach activities
- 8 Conferences and Prizes
- 9 A day in the life of our University Librarian
- 10 Meet the Glassblowers
- 11 Beyond Chemistry
Chemistry EDI

Important Dates

2023/24 Term Dates:

Autumn: Mon 2nd Oct 2023 to Sat 16th Dec 2023

Spring: Mon 8th Jan 2024 to Sat 23rd March 2024

Summer: Mon 22nd April 2024 to Sat 15th June 2024

Semester 1: Mon 25th Sept 2023 to Sat 27th Jan 2024

Semester 2: Mon 29th Jan 2024 to Sat 15th June 2024

Winter Graduation: Tues 12th Dec 2023

Semester 1 Exams:

Mon 15th Jan 2024 to Fri 27th Jan 2024

Student Vacation:

Sun 17th Dec 2023 – Sun 7th Jan 2024

University Closure days:

Fri 22nd Dec 2023 to Mon 1st Jan 2024

Fri 29th March to Wed 3rd April 2024

Introducing New Head of School in Chemistry



Since our last newsletter Chemistry now has a new Head of School with Professor Andrew Hector taking over from Professor Jon Essex in September 2023. Andrew looks forward to the challenges ahead.

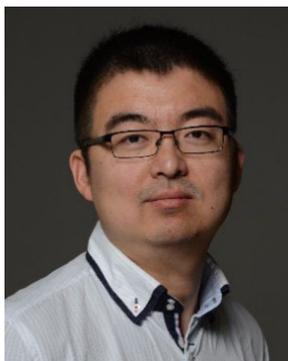
“We started this academic year with Chemistry in the top 10 in all three main league tables, and Chemical Engineering making its first entry at 4th in the Complete University Guide.

We also have several new appointments – over the past 12 months we have welcomed George and Yssy into Chemical Biology, Zaheer and Xi into Chemical Engineering, Greg into Organic, Richard into FIMS, and Hugh, Sam and Tamas into Education. We’re expecting a further new start in Chemical Engineering in January and recently interviewed for a further Organic position.

Lots of new research projects are starting up and we have more spin out activity than at any time I can remember. This is an exciting time for the School and we have to thank Jon for overseeing all of this over the last few years as Head of School as well as recognising that the effort that got us to this position was shared by all of us. We also have some challenges to come, with major infrastructure projects and the next REF exercise on the horizon, but we are in a good position to address those challenges.”



Meet our new staff



Xi Yu

Hi, I'm Xi, an enthusiastic programmer and lecturer in Chemical Engineering. My current focus is optimising biorenewable system through digital replica of the physical system. My background is in chemical engineering and bioenergy.

Before joining Southampton, I worked with computational fluid dynamics to identify chemistry-fluid dynamics interaction for my academic and industrial clients in Aston, Heriot-Watt, and Sheffield University. Apart from work I spend time with my beloved family: my wife, lulu, and our two daughters, Ruowei and Emma. My hobbies are swimming, hiking and cruise. Please feel free to pop into my office (27/2056) and have a chat. I look forward to working with everyone!

Sam Perry



It's a little strange to describe myself as new staff when I've been here at Southampton on and off since starting my Undergrad here 2008!

After a stint in Canada I was lucky enough to return to pursue research and teaching in green energy and carbon conversion. I'm now really excited to get started with teaching in the L4 Physical Chemistry labs.

Outside of lab, I'm a keen distance runner, sporadic guitarist and rugby fan.

Richard Knighton

I am a newly appointed Lecturer in Inorganic Chemistry in the Functional, Inorganic and Materials and Supramolecular Chemistry section. I am specifically interested in Upconversion (two-photon) luminescence for imaging applications, as well as luminescent sensing and recognition.

When not in the department I enjoy cycling and playing snooker.



Tamas Bansagi

I joined the School as teaching fellow in chemical engineering in October. Following my undergraduate studies in chemistry and obtaining my PhD in Physical Chemistry, I moved from Hungary to the US to undertake research at Florida State and Brandeis Universities before coming to the UK on a Marie Curie Individual Fellowship.



After my research-focused roles in the School of Chemistry at Leeds and the Department of Chemical and Biological Engineering at Sheffield, I became a teaching fellow in physical chemistry in the School of Chemistry at Birmingham, followed by a temporary lectureship in physical chemistry in the Department of Chemistry at Bath. My research involved the understanding and design of complex chemical systems capable of self-organisation seen in biology. I taught physical chemistry to students studying chemistry, chemical engineering and biochemistry, maths for chemistry and chemical engineering computing; and have been developing interactive web-apps for teaching and learning science and engineering.

I look forward to playing a role in the delivery, and the development of this new and unique Chemical Engineering programme.

Hugh Britton

In July 2023 I joined the department as a teaching fellow in the Organic Section, having studied at Birmingham, UEA, Bristol, Sussex and UCL on projects ranging from carbohydrates, total synthesis, and photochemistry to peptide bioconjugates.



I am a returnee from industry having worked at GSK and Sigma-Aldrich in manufacturing and process chemistry and at BTG (British Technology Group) working on Xray-detectable, polymer-based biomedical devices. I am hoping this experience will be helpful to the students I will be teaching this year.

When not teaching, I am kept very busy with my children and playing tenor horn in several brass bands in the Southwest.



Graduations and Awards



Congratulations to all our Undergraduate students who graduated in the Summer of 2023, and further congratulations to the prize winners below:

Emily Jones - John Mellor Prize; *Outstanding project in Organic Chemistry or related field for a Y4 MChem project completed in Southampton*

Sebastian Van Dyck - Alan Carrington Prize; *Outstanding project in Physical Chemistry or a related field for a Y4 MChem project completed in Southampton*

Stacey Adams - Judith Corker Prize; *Outstanding project in Inorganic Chemistry or related field for a Y4 MChem project completed in Southampton*

Amy Christmas - Progression Award; *Academic development award across contributory part of degree*

Holly Manning - A E Clarence Smith; *Outstanding performance by a student graduating from a BSc degree*

Emily Jones - David Runciman Boyd; *Outstanding performance by a student graduating from a MChem degree*

Amy Christmas - Outstanding Research Placement Project

Ngoc Nguyen - R E Parker Project; *Best BSc Project*

Holly Manning - Roger Parsons Prize; *Highest level of academic achievement in the graduating cohort*

Congratulations to the following students on their Awards since our last newsletter:

PhD

Angelos Peroulis - Total Synthesis of Natural product-Like 3D Molecular for Drug Discovery

Joe Cadden - Studies of Cocrystal Excipient Interaction by a Combination of Experimental and Computational Approaches.

Kristina Kovacic - Synthesis of fluorinated bile acids and investigation of their hydrogen bond properties

Joshua Le Brocq - Model microporous AlPO catalysts for establishing structure-performance relations in C4 isomerization

Bowen Liu - Hard Carbon Composites with Metal Oxides and Metal Nitrides for Sodium-ion Batteries

Alice Oakley - Elucidating structure-performance correlations in hierarchically porous aluminophosphates through catalytic transformations

Sylwia Ostrowska - Parahydrogen-Induced Polarization in Microfluidic Devices

Arnau Rubio - Active Template Syntheses of Topologically Chiral and Higher Order Catenanes

Robert Troup - Exploring linker fluorination to optimise PROTAC potency, selectivity, and physical properties

Joseph Whetter - UV-Transparent Optical Fiber Coatings

Madeleine Woodward - Developing new metal-based complexes for 18F-based radiopharmaceutical (PET) imaging applications

James Whipham - On the Cross-Correlated Relaxation of Homonuclear Spin Pairs

Edward Plackett - Studies into the Effects of Hydrogen-Bonding on Excited State Dynamics

Giulia Melchiorre - Measurement and applications of singlet order lifetime through the use of pulsed-field gradients

George Chambers - The total synthesis of indolocarbazole natural products and towards the synthesis of (+)-sparteine

Jelena Pisaruka - Development of a miniaturised system for the high throughput investigations of biofilm responses to antimicrobial agents

Chemistry Publications: UG contributions to research papers

Important research outcomes are the result of work carried out by undergraduate project students and summer placement students. Recent examples include:

Daniel J.M.Irving, Mark E Light, **Matilda P.Rhodes**, Terence Threlfall and Thomas F.Headen

A total scattering study of prenucleation structures in saturated aqueous magnesium sulfate – observation of extended clusters

Phys. Chem. Chem. Phys., 2023,25, 14898-14906

DOI: 10.1039/D3CP01157G

Maëva M. Pichon, Dawid Drelinkiewicz, David Lozano, Ruxandra Moraru, Laura J. Hayward, **Megan Jones**, Michael A. McCoy, Samuel Allstrum-Graves, Dimitrios-Ilias Balourdas, Andreas C. Joerger, Richard J. Whitby, Stephen M. Goldup, Neil Wells, Graham J. Langley, Julie M. Herniman, and Matthias G. J. Baud*

Structure–Reactivity Studies of 2-Sulfonylpyrimidines Allow Selective Protein Arylation,

Bioconjugate Chem. 2023, 34, 9, 1679–1687

Publication Date: September 1, 2023

DOI: 10.1021/acs.bioconjugchem.3c00322

Melchiorre G, Giustiniano F, **Rathore S** and Pileio G (2023), *Singlet-assisted diffusion-NMR (SAD-NMR): extending the scope of diffusion tensor imaging via singlet NMR.*

Front. Chem. 11:1224336.

DOI: 10.3389/fchem.2023.1224336

J. Wang, **H. Zhong**, B. Liu, M. Zhang, A. L. Hector and A. E. Russell,

Self-standing TiC-modified carbon fibre electrodes derived from cellulose and their use as an ultrahigh efficiency lithium metal anode.

J. Mater. Chem. A, 11, 2023, 15444.

DOI: 10.1039/D3TA01707A

N. A. N. Mohamed, Y. Han, **S. Harcourt-Vernon**, A. L. Hector, A. R. Houghton, G. Reid, D. R. Williams and W. Zhang,

Effects of surfactant head group modification on vertically oriented mesoporous silica produced by the electrochemically assisted surfactant assembly method

Nanoscale Adv., 5, 2013, 3316.

DOI: 10.1039/D3NA00031A

J. P. C. Allen, **M. Mierzwa**, D. Kramer, N. Garcia-Araez and A. L. Hector

A polyacrylonitrile shutdown film for prevention of thermal runaway in lithium-ion cells

Batteries, 9, 2023, 282.

DOI: 10.3390/batteries9050282

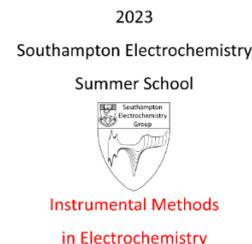
Logothetis, Thomas A., codeveloped with Jing Lu and Juanjuan Li, who are also co-authors of the poster presentation. (2022)

Sustainability in undergraduate practical classes: From green chemistry metrics to environmentally friendly process design. 9th IUPAC International Conference on Green Chemistry, Zappeion Megaron, Athens, Greece. 05 - 09 Sep 2022. (In Press)

Pure ID: d3b65b1d-9ad3-4b40-8733-945ee9a65527

Electrochemistry Summer School

The Electrochemistry Section held its annual Electrochemistry Summer School on Instrumental Methods in Electrochemistry last June.



The course has been running in Southampton since 1969 and this was the 53rd edition.

The event started on the Sunday with a registration BBQ dinner at the Arlott bar. The rest of the week involved sixteen lectures and ten 4-hour practicals.

On the Monday evening we led a walk round the old part of town and on the Thursday evening we enjoyed the Summer School banquet in the Hartley Suite. On the Friday afternoon, after two weeks preparing and delivering the practicals, the potentiostats, galvanostats, electrochemical workstations, Faraday cages, cells, and electrodes were back in the research labs for a return to normality.

As in pre-pandemic years, the event was fully subscribed with 40 participants. Most came from the UK and Europe but three came from the USA and Mexico. Overall, this was a very successful event and the feedback from the participants has been excellent.

For the Section, the event is a significant commitment involving months of preparations, 20 demonstrators and seven lecturers. Moreover, research activities virtually stop for two weeks as most PhD students, postdocs, and instruments are tied up with the practicals. However, this is a very valuable team building exercise where everyone gains useful transferrable skills. For the Section, the course has a significant impact far beyond Southampton. At conferences, we are regularly approached by former Summer School participants. I take this opportunity to thank the demonstrators for their enthusiasm and professionalism, the Level 4 lab team for putting up with us for a week, and my colleagues for their contribution. We are already gearing up for the 54th edition.

Guy Denuault

Celebrations and Congratulations

Congratulations to our team of Chemistry and Chemical Engineering Teaching Lab Technicians. Jin, Juanjuan, Jess, Kat, and Jake have won the Outstanding Technical Team category in the Technician of the Year awards for all their hard work in the teaching labs, supporting the teaching and outreach activities. Without them, our teaching labs would not function.



The Technicians' Conference, now in its second year, was held on Boldwood Campus on 19 July. Sponsored by Starlab, the event included the announcement of the Technicians' Awards winners and a deep dive session into some of the issues faced by technicians and how they can be resolved. The team will be using the discussions to help develop action plans bespoke to UoS. Following the event, the 65 attendees were invited to visit the design show, which showcased models our technicians have helped students to develop and build.

Our team said:

"We proudly accept the Best Technical Team Award, it is a testament to our team's dedication to technical excellence, we are thrilled and grateful for this recognition."

"Very proud of our team and what we've achieved, it's great to get recognition from the wider community via this award."



Congratulations to Professor Gill Reid who has been elected as a Fellow of the European Academy of Sciences (Chemistry Division). This follows the news in our last newsletter where Gill achieved a prestigious IUPAC Distinguished Women in Chemistry & Chemical Engineering award in 2023 (pictured receiving that award below)



Gill's election to this prestigious position is a testament to her exceptional contributions and accomplishments in the field of chemistry. With a strong emphasis on education and inspiring young individuals to engage with science and chemistry, she has continuously fostered a passion for learning and discovery among students and the wider community.

Collaboration lies at the heart of Professor Reid's scientific pursuits, as she actively seeks partnerships with researchers from diverse disciplines and industry. Her extensive publication record showcases the breadth and depth of her work, and she has had the honour of supervising and mentoring numerous postdoctoral researchers, nurturing their careers in the field.

The election of Professor Gill Reid as a Fellow of the European Academy of Sciences (Chemistry Division) underscores her remarkable expertise, leadership, and dedication to advancing the field of chemistry.

We extend our warmest congratulations to Gill on this well-deserved honour and eagerly anticipate her continued contributions to the scientific community.



Congratulations to Professor Graeme Day has been awarded the prestigious **2023 Royal Society of Chemistry Corday-Morgan Prize** for his pioneering work in developing computational methods for guiding the discovery of functional molecular crystals.



The Corday-Morgan Prize is awarded by the Royal Society of Chemistry (RSC) for the most meritorious contributions to chemistry. Winners of the prize receive a medal and are invited to complete a UK lecture tour.

Graeme's research is a prime example of the potential of computational chemistry. His work focuses on developing computational methods for modelling the organic molecular solid state, with a key focus on predicting crystal structures from first principles. His research group applies these methods to a wide range of applications, including pharmaceutical solid form screening, NMR crystallography, and computer-guided discovery of functional materials.

Graeme said: "I'm really pleased that the Royal Society of Chemistry has recognised my work in computational materials discovery. I'm lucky to have a great team of researchers working on some very challenging problems in this area and terrific collaborators who are willing to put their trust in predictions based on the computer simulation methodologies that we're creating. Predicting new materials on the computer is interesting and challenging, but seeing these predictions realised in experiments is the most satisfying part of our work."

His current research is funded by the Engineering and Physical Sciences Research Council (EPSRC), the European Research Council (ERC), and a range of industrial collaborations. He leads the ERC Synergy Grant ADAM – Autonomous Discovery of Advanced Materials, which started in 2020, combining predictive computational methods, automation of materials discovery, and robotics.

Professor Jon Essex, Head of School at the time, said: "I am absolutely delighted that Graeme's world leading research in the development and application of computational methods for guiding the discovery of functional molecular crystals has been recognised by the Royal Society of Chemistry. His award of the 2023 Corday-Morgan prize is richly deserved, and a testament to the excellent support offered by the University of Southampton for computational

modelling, through its significant investments in High Performance Computing."

The Royal Society of Chemistry Corday-Morgan Prize Committee selected Professor Day as the winner of the 2023 prize for his outstanding contributions to the field of computational chemistry. The committee praised his work in developing computational methods for guiding the discovery of functional molecular crystals, which has the potential to revolutionise the field of materials science.

Professor Gill Reid, President of the Royal Society of Chemistry, said: "As President of the RSC, I congratulate all of the 2023 RSC Prize Winners for their fantastic achievements. I am also really delighted that Graeme's research in Southampton has been recognised in this way. He is an international leader in crystal structure prediction, and his work has enabled significant advances in identifying and realising a range of highly novel functional molecules and materials."

The Joliot-Curie Conference 2023 was held here at the University of Southampton from 13-14th September. The conference is the annual must-attend event dedicated to supporting the aspirations of early career researchers, particularly those who are underrepresented in academia.



This conference explores career topics that are relevant to early career researchers and encourages open discussions on issues that can promote an inclusive culture and diversity in the workplace.



Chemistry Outreach activities Summer 2023

In June/July 2023 we held another successful and popular series of 11 Twilight Practical sessions.

Our thanks go out to everyone who helped run and support these sessions at short notice, the sessions were well received as always.

Here are some pictures, feedback quotes and social media posts we received.



The Island V1 Form (IWEF) attended one of our sessions and said:

“All of our students had hands-on experience of a university laboratory and also got to explore the university campus. All students successfully extracted and purified the Trimyristin and were praised by the university staff for their practical skills. One group was complimented on how good their infra-red spectroscopy was in indicating how pure the sample was. We are very grateful to our local Universities who offer us opportunities such as this, to experience and explore post-18 educational options.”



“Really great resources in the lab. Demonstrators were excellent in terms of knowledge and general conversations about Southampton and/or their degree/PhD. A really good atmosphere that allowed students to experience the university lab.”

“Extremely organised which made the whole experience fluent and purposeful. Demonstrators all worked hard and were particularly good at engaging students and talking about their own university experiences. Fantastic role models!”

“Very well organised. Highly relevant. Enjoyable. Great for helping to make chemistry an attractive degree option. Impressive labs. Helpful staff.”

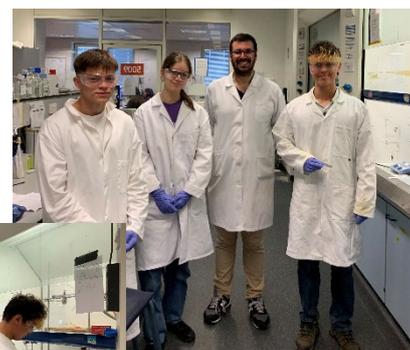
“Well organised and supported by keen and helpful undergraduates and staff”

“Excellent demonstrators who engaged really well with the students!”

At the end of July 2023, we also hosted 32 students for Work shadowing within the research groups.

A message was sent to all those who hosted from Seung Lee (work shadowing coordinator) –

“Thank you all for your help in work shadowing. Initial feedback and conversations with students showed this year's event is also a huge success. Students almost unanimously expressed their gratitude to you nice hosts! The outreach team really appreciate your efforts.”



Conferences and Prizes

During the summer months, Chemistry staff and PGRs were invited to attend conferences and meetings across the UK and Europe. Here are some of PhD students who were awarded prizes for their poster or oral presentations.

Molly Wilson attended her last conference as a PhD student in July at (Solutions in Science) SinS in Cardiff. "It was a fantastic event with a focus on sustainable analytical approaches. I had the pleasure of presenting a talk and a poster about my research and I was chuffed to receive the RSCs Analytical Methods poster prize"



At the same conference **Rebecca Baker** was also awarded a prize for her talk on Supercritical Fluid Chromatography - Mass Spectrometry for the analysis of Pesticides.

Both students are supervised by Professor John Langley and Dr Julie Herniman.

Arihant Bandhari (supervised by Professor Chris Skylaris) won the best poster prize at the PISACMS 2023: Paris International School on Advanced Computational Materials Science. This was held at the Pierre et Marie Curie Campus of the Sorbonne Université in August.

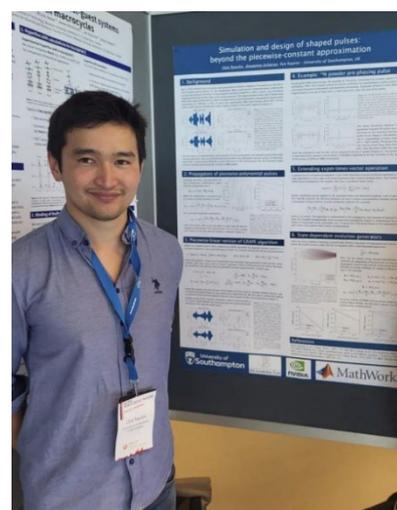


In July, **Jennie Martin** (supervised by Professor Graeme Day) was awarded a poster prize at the 16th International hybrid conference on materials chemistry (MC16) organised by the Royal Society of Chemistry.



Ulak Rasulov (a PhD student in the Spin Dynamics group with Professor Ilya Kuprov) was invited to be a speaker at the CCPN (Collaborative Computational Project NMR) conference in Glasgow and also presented a poster at EUROMAR entitled:

Simulation and design of shaped pulses: beyond the piecewise-constant approximation.



A day in the life of a university librarian: Nicki Clarkson

Nicki is the Engagement Librarian at the University of Southampton.

Days at the University of Southampton are so varied. I love the diversity my job offers, meaning no two days are ever the same. I work across three themes: Open Research & Publication Practice, Curriculum Engagement, and Communications and I am also the liaison librarian for the Schools of Chemistry and Biological Sciences.



I have great opportunities to work with colleagues from across the university, and there is always something interesting happening, for example the Chemistry and Biological Sciences Staff Student Liaison Committees (SSLCs).

As part of the Curriculum Engagement team, I use our Library Research Skills Framework to work with academics to ensure appropriate curriculum design based on the learning outcomes and the assessment within a module.

We ensure that all students are taught Library Research Skills (including finding and evaluating information, academic integrity and digital literacy) at the right time and that library sessions are embedded in the curriculum. For Chemistry this means I teach undergraduates in their third year. I often start the session with a Vevox poll asking what they would like to get out of the session, and what they are most excited about in the current semester – the passion for independent research always shines through.

I also deliver training sessions for postgraduate researchers and university staff on topics including open access publishing and the essentials of journal publication.

One of the biggest challenges I've faced in my role is the cost of access to knowledge, specifically hyperinflated fees and restrictive user licenses imposed by eBook publishers and the vast profits made by many commercial journal publishers.

Before the pandemic we delivered all of our postgraduate training face to face but we now use Microsoft Teams. This opens up the sessions to larger groups and means attendees can slot training into their day without spending additional time travelling.

The move to online and hybrid conferences has been transformational. We have more opportunities for collaboration with other libraries, webinars for knowledge exchange, and can input into national and international initiatives without the time and cost of travel.

I feel that it is easier for academics and researchers to reach out to us – dropping someone a Teams message can be much less formal than sending an email, and Teams video calls are now part of my daily life. I am much more relaxed about seeing myself on screen but still don't like hearing my voice when I edit recordings of teaching sessions I've delivered!

Advice for your fellow information professionals: Being part of local and national communities and networks can make a huge difference. Someone else is probably experiencing the same issues as you and may even have a solution you could adopt.

Carve out time for continuing professional development. My focus for the next year is to improve my Excel skills so that ChatGPT does not have to repeatedly coach me through VLOOKUPS.

If you see an open research role advertised, please don't be put off because you don't have experience with the specific tasks listed. Librarian skills are very transferrable: your strength and experience of talking to students and researchers, managing and developing staff, working effectively with others, increasing and supporting discovery, attention to detail and giving clear explanations of policies are key – specific open research knowledge can be easily learned.

Meet the Glassblowers

On Friday 19th May the Scientific Glassblowing team held an event in the Chemistry Common Room from 10am -12 noon to “Find out what your glassblowers can do for you!”



The team were there with plenty of glassware that they have made over the years on display that they hoped would spark some ideas for visitors and help to give a better understanding of what they can make.



The team were happy to answer any questions regarding any aspect of glassware and glassblowing. These photos show the success of the event and some of the glassware they had on display,

Lee, Shamack and Paul

Beyond Chemistry

Meet Undergraduate student – Ethan Quinn

Hi, my name is Ethan! I'm a second year Chemistry with Maths student. When I'm not studying, I'm lucky enough to play lead guitar in two bands and run my own business.

I've been playing guitar for around 8 years now. I remember starting on a tiny half-size classical guitar I got for Christmas, before moving onto full-size acoustics and electrics – it's not a cheap hobby, but everything I use will last me years.



I've had the opportunity to play headline shows in multiple cities and travel up and down the country with my best friends playing shows. Getting on stage is something I've been doing since I was 14, and it never gets old, my favourite memories are playing at one of Southamptons most iconic venues, The Joiners. In both bands, Parting With Origin and Under The Sky, we prioritise live performance, so we really enjoy the adrenaline rush of putting on a good show! The high energy music that we make really tailors itself to this.



I own a business called Dark Sun LTD, dedicated to working with venues in Southampton and Bournemouth to put on shows with local alternative bands, as well as managing this same category of bands and artists. My team and I can do this through things like social media management, marketing campaigns, release campaigns and networking. It's great to have this mutually beneficial relationship, as it allows the team to gain experience and positive reviews, whilst doing something we all enjoy.

University life is very important to me – we all started Under The Sky on our very first day of first year! I've had stints on the committees of both the Rock and Metal Society (Events), and the Real Ale Society (President).

Ultimately, the goal for myself is to be a Chemist, hopefully going on to start my PhD in physical chemistry after I complete my MChem course, however, I enjoy doing a wide range of things and love keeping up with my hobbies.

Equality, Diversity and Inclusion

ED&I is central to the ethos in Chemistry and we have a committed team that works hard to build a positive environment for all members of our School to be able to develop and succeed. As a school we have been involved in the [Athena SWAN charter](#) for the advancement and career progression of women in science for many years and its principles run through all we do.

Chemistry holds a Silver Athena SWAN Award, the first department at the University of Southampton to achieve this status twice.



If you would like to know more about our work there is lots of useful information on our website which also includes our Early Career Support Hub.

<https://www.southampton.ac.uk/chemistry/about/Equality/index.page>

For more information about the ED&I or to raise any issues or concerns please contact Dr Paul Duckmanton or Dr Julie Herniman on chemedi@soton.ac.uk

Do you have an article you wish to contribute to a future edition? We also welcome your feedback on the newsletter.

Please email Julie Herniman J.M.Herniman@soton.ac.uk

or Dawn Dunlop D.Dunlop@soton.ac.uk