



WARWICK TEACHER RESEARCHER NETWORK NEWS ISSUE 6: 4th July 2022

Welcome to the Warwick Teacher Researcher Network

The WTRN is aimed at colleagues who are interested in close-to-practice research in schools, drawing together both university and school-based colleagues to support and enhance research culture. We are delighted to have secured funding from Research England's Enhancing Research Culture fund to support the Research and Development People and Culture Strategy. The funding will support our drive to engage more people in research and provide access to research to our school partners. Burnaford, Fischer, and Hobson (2001) neatly summarise the essence of teacher-research, describing a personal as well as a professional quest, "a journey towards making sense of and finding satisfaction in one's teaching", emphasising the importance of seeing teaching and research as a joint enterprise.

Our aims:

- Improve access to and participation in research.
- Improve research leadership skills across all career stages.
- Create routes for collaboration and exchange with third sector organisations.
- Deliver new approaches to public dialogue and community led research. The end of project report to be submitted in July 2022 would focus on whether engagement with his project contributed to these areas.

Proudly introducing the 2022/23 Teacher Researchers, their Research Development Liaisons (in brackets), and Projects:

Iain Green (Kate Mawson) - *'Impact on culture of the development of a professional development strategy'*.

Grace Laszlo (Andy Hind) - *'What wellbeing strategies do ECTs learn across the two years of their course, and how do these help them manage workload and mental wellbeing effectively?'*

Alison Marsh (Rebecca Friesen) - *'Cross-curricular teachers as experts in teaching reading: improving classroom approaches for teaching of reading to close the Covid gap'*.

Helen Ward (Jen Rowan-Lancaster) - *'Boys Achievement Action Research Group'*.

Martyn Colliver (Will Haywood) - *'Linking Stem education to real-world industry for project-based learning – a case study around an energy from waste (eFw) plant'*.

Matt Hornsey (Kirsty Weeks) - *'Building solid foundations for Disadvantaged Pupils'*.

Katie Collins (Rachel Cooper) - *'Efficacy of school-based interventions to support the development of self-esteem in secondary school children to reduce suspension rates and negative behaviours'*.

Helen Cooke (Kate Mawson) - *'Instructional coaching using the Teaching WalkThrus'*.

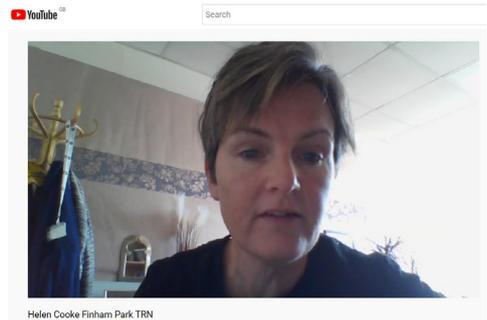
James Luton (Alison Morgan) - *'Equality and Diversity'*.

Learn more about the rest of the 2022/23 WTRN and their projects on the WTRN webpage:
www.warwick.ac.uk/fac/soc/cte/professionaldevelopment/trn/community/

How has being a part of the Warwick Teacher Researcher Network Project impacted upon your school?

“For me it [the WTRN project] has been invaluable in that it keeps the teaching and learning agenda at Finham Park really high profile”

On the WTRN homepage you can find a fantastic testimonial video (www.youtube.com/watch?v=hvrEWk1IDps&t=14550s) from Finham Park’s assistant headteacher Helen Cooke discussing how working on her WTRN project (*‘Instructional coaching using the Teaching WalkThrus’*) with her Warwick CTE supervisor, Dr Kate Mawson, has really helped further develop research dialogue and culture at the school.



What’s your experience of being a part of the Warwick Teacher Researcher Network project? Be sure to get in contact with us, we’d love to hear feedback and suggestions from you.

Chartered College of Teaching – Impact Journal Issue 17 Call for Papers

For the Spring 2023 issue of Impact, we are seeking papers on the theme of teacher effectiveness and teacher development. This issue will feature a guest editorial by Professor Beng Huat See.



Topics can include, but are not limited to:

- Improving learning and wider outcomes for children and young people through effective professional development across all phases and settings, including special schools, alternative provision, early childhood education, primary, secondary, and further education
- Factors affecting teacher research engagement, including the role of organisational cultures
- Approaches to evaluating effective teaching
- Factors affecting the impact of CPD on children’s and young people’s outcomes, including, for example, organisational culture, teacher job satisfaction and teacher effectiveness
- Teacher recruitment, retention and progression
- Approaches to promoting equity and diversity in career progression and school leadership
- Supporting and developing early career teachers and continued career progression
- Continuing professional development, including approaches to mentoring and coaching
- Practitioner learning in early childhood education settings
- The advancement of effective digital practice in teacher CPD, including online and blended learning

Article types include:

Research: *Summaries of current original research (including practitioner research) with their implications for pedagogy (2,000 words)*

Perspectives: *Pieces offering a clear, balanced, research-informed review or critique of a particular topic within the issue theme (2,000 words)*

Case studies: *Detailed studies of single settings or occurrences with clearly defined boundaries, such as a pedagogical intervention, an assessment initiative or an approach to CPD in a particular context (1,500 words)*

Reflections: *Teachers discussing how a specific piece or area of research has informed their practice. (1,000 words)*

Author deadlines:

Abstract submissions deadline: **Thursday 7th July 2022**

Notifications of accepted proposals sent to authors: **Thursday 14th July 2022**

Full drafts submitted: **Tuesday 13th September 2022**

Opportunities for Schools

Looking to promote exciting and innovative research projects and educational programmes aimed at schools? Feel free to drop us an email. Be sure to also check out the “Opportunities for Schools” page on the WTRN webpage for current school-oriented events and opportunities.

School Taskmasters Wanted – School Tasking 2023



Using the format of the hit TV show, Taskmaster, this exciting outreach project enables young people to learn about interesting aspects of the Law through fun and interactive tasks set in the style of Taskmaster. School Tasking is now in its second year and we are looking for classes of Year 5 students in the West Midlands to take part in fortnightly law-related tasks in the style of Taskmaster (these tasks will be accompanied by engaging and informative resources on the law) over a period of two months. The tasks will be ‘judged’ by a group of fellow Year 5 Taskmasters, and the winning group from each school will then be invited to the School Tasking Final on campus at the University of Warwick. Only one group will be crowned ‘School Tasking Champions 2023’ - could they be from your school? If your class of Year 5 students would like to take part, please sign up:

www.warwick.ac.uk/fac/soc/law/aboutus/lawoutreach/schooltasking/schooltaskingsignup/

The fortnightly classroom-based tasks will run between March and May 2023, and the final will be held on campus at the University of Warwick in June or July.

For further information, please contact Dr Alison Struthers (a.struthers@warwick.ac.uk).



Our Beautiful Universe

Art Exhibition at the University of
Warwick

WARWICK
THE UNIVERSITY OF WARWICK

In July, hundreds of astronomers from around the world will gather in Warwick to talk about their exciting research into all things astronomy at the National Astronomy Meeting. And we would love to have some beautiful space-themed art work to show them.

So we are calling on people of all ages to create and send us pictures of works of art! Below we have included some information about some of the science topics we will discuss at the conference, but feel free to get creative with the space theme!

We are accepting pictures of your submissions (.jpg, .png) through our website here at bit.ly/NAM-ART or scan the QR code here to submit your work!

Your masterpiece will be displayed on the NAM2022 website and might be featured at our in person exhibition on Wednesday 13th July!



Space Exploration

Space is really big, and some of the things we like to look at are really far away, so we only know so much about the Universe because we build telescopes that let us see things in ways we can't with our own eyes. Sometimes we build telescopes here on Earth, sometimes we send them up to space and sometimes we send probes and satellites out to other places in the Solar System. Each of these exciting pieces of technology gives us a new interesting piece of the puzzle that is space. If you had to build a spacecraft to go to another planet, what would it look like?



Stars

We see billions of stars in the Milky Way - some look like our Sun, but others look very different. They can range hugely in size and colour, some even come in pairs and triples! After they are born in large groups called clusters, stars live their lives with their own planet systems and then change into completely new types of stars as they age. Each star has its own piece of important information to tell us about the science behind them. Do you have a favourite star? What do you think it looks like?

Transients

Space is a very busy place and when we look it is constantly changing. At the end of the lives of the most massive stars, they explode like fireworks that can be seen across the cosmos. By studying these 'transients' we can learn more about the stars in our own galaxy, what the Universe was like back in time when they existed, and can even use them to measure how far away galaxies are. We can only see these as tiny dots of light on the sky because of how far away they are, but what do you think these stellar fireworks look like up close?



Beyond our Galaxy

Our Solar System lives in the Milky Way, a regular spiral galaxy, which is just one of trillions in our local supercluster, each of which has billions of stars. As we look further out into the Universe we see galaxies as they were in the distant past, hungry black holes feeding on gas and the very first stars to light up the Universe. It is still a mystery how galaxies get so big, and why they all look so different to each other. We think most galaxies have a black hole at their very centre, but they're so dense not even light can escape from them and we can't see what they look like! Do you have a favourite galaxy?

The Solar System

There is plenty going on in our own Solar System too; there are planets with moons and even rings, asteroids and comets and of course, our own beautiful blue planet! Even our own Sun is active and constantly changing, firing out jets of plasma and magnetic winds which interact with the Earth to create incredible things like the Northern Lights. We know a lot about the Solar System thanks to a fleet of spacecraft and space telescope exploring for us, but there are still plenty of new things to discover. What is your favourite thing in the Solar System?



Exoplanets

We now know of over 5000 exoplanets across the Milky Way. These planets don't all look like those we see in our Solar System, some are really big or really small, some are so close to their stars that they are burning hot, while others are so far away they are ice worlds. Some of these planets live in the habitable zone, which means their temperature is just right for life to potentially form, although we haven't found any proof of aliens just yet. But because the other worlds are so far away, we don't know what they actually look like - what do you think an exoplanet would look like?



Science Festival!

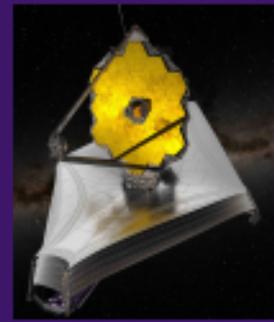
Warwick Arts Centre
Wednesday 13th July 2022
4-8pm

The Physics department at the University of Warwick is thrilled to invite you to join us for an evening of astronomy at our mini science festival on Wednesday 13th July 2022, 4-8pm. People of all ages, families and little ones are welcome!

We have a range of fun activities for kids and curious adults alike! Featuring

- Tactile Universe
- Experimenting with exoplanets
- Our very own SUN
- Creativity with solar physics
- Solar observing experiences
- Coding with Sophie
- Embroidering solar quakes
- A look at JWST
- Our Beautiful Universe art exhibit
- And a visit to Warwick's planetarium!

Ask astronomers all of the questions you can think of about JWST - the world's newest infrared space telescope. Tickets available soon!



Visit our planetarium and marvel at beautiful images while learning about space from astronomers!



Come and experience our awe-inspiring giant SUN installation and hear about how scientists use and learn about the Sun.

An ice cream van will be parked in front of the Arts Centre from 5pm and there will be food outlets open on campus including the Benugo restaurant.



Getting here:

There are frequent bus services to campus from the surrounding areas and a limited amount of paid parking will be available.

More details can be found here: bit.ly/NAM_festival

Tickets are FREE but booking is essential!

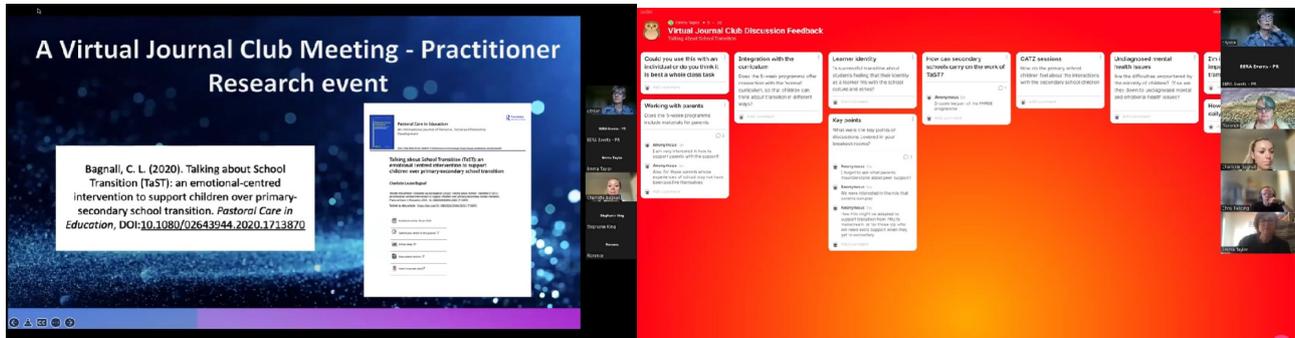


Sign up here! bit.ly/NAM_festival



BERA SIG - Live, Virtual Journal Club Meeting: Charlotte Bagnal's 'Talking about School Transition (TaST): an emotional-centred intervention to support children over primary-secondary school transition. Pastoral Care in Education'

For those who may have missed the British Educational Research Association's Virtual Journal Club meeting on the 23rd of June, there's no need to worry. A full video upload of the meeting is now available on the BERA YouTube channel for viewing: www.youtube.com/watch?v=KIOuakR-JIA&t=2s



Queries, eager to contribute, looking to advertise, or keen to recommend others to us?

Email: warwicktrn@warwick.ac.uk

LinkedIn: [warwick-teacher-researcher-network](https://www.linkedin.com/company/warwick-teacher-researcher-network)

Twitter: [@WarwickTRN](https://twitter.com/WarwickTRN)