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| CONTACT INFORMATION | Rm 614, Kelvin Building University of Glasgow Glasgow, G12 8QQ United Kingdom | Tel: +44 (0)14133 08855 Email: paul.wright@glasgow.ac.uk Web: http://www.pauljwright.co.uk Publication List: SAO/NASA ADS |
| RESEARCH INTERESTS | My interests range from stellar to solar physics; my main interests lie in the heating of the solar atmosphere, including active regions and loops. Currently I am gaining expertise in analysis of data from <i>SDO/AIA</i> , <i>Hinode/XRT</i> , <i>Hinode/EIS</i> and <i>NuSTAR</i> . More information and auxiliary documents can be found at http://www.pauljwright.co.uk , and on ResearchGate . | |
| EDUCATION | <p>University of Glasgow, Glasgow, Lanarkshire, U.K.</p> <p>Ph.D. Solar Physics Expected: 2017 Thesis Topic: <i>The Energetics of Small Solar Flares and Brightenings</i> Supervisor: I. G. Hannah Funded by employment as a Post-Graduate Research Assistant</p> <p>University of Southampton, Southampton, Hampshire, U.K.</p> <p>MPhys Physics with Astrophysics 2010 - 2014 First Class Honours (1:1)</p> <p>Harvard University/Harvard-Smithsonian CfA, Cambridge, MA, U.S.A</p> <p>Year Abroad 2013 - 2014 Thesis Topic: <i>Strong-Flare Rates of Solar-Like Stars</i> Supervisors: S. H. Saar, J. J. Drake Funded by a research scholarship</p> | |
| PUBLICATIONS IN PREPARATION | 1. Wright, P. J. , Hannah, I. G., Glesener, L., <i>et al.</i> "Microflare Heating Observed with <i>SDO/AIA</i> , <i>Hinode/XRT</i> , and <i>NuSTAR</i> : NOAA AR 12333", in prep | |
| SAO/NASA ADS PUBLICATION LIST | 6. Wright, P. J. , Hannah, I. G., Glesener, L., <i>et al</i> 2015, AGU Fall Meeting Abstracts 2015 5. Saar, S., Meibom, S., & Wright, P. J. 2015, IAU General Assembly, 22, 58518 4. Saar, S. H., Wright, P. J. , Meibom, S., Kashyap, V., & Drake, J. J. 2014, American Astronomical Society Meeting Abstracts #224, 224, #123.43 3. Wright, P. J. , Saar, S. H., Meibom, S., Kashyap, V., & Drake, J. J. 2014, American Astronomical Society Meeting Abstracts #223, 223, #151.08 2. Gorosabel, J., <i>et al.</i> (17 coauthors including Wright, P.) 2012, GRB 120327A: IAC80 I-Band Observations, GRB Coordinates Network, GCN Circular 13130 1. Walker, C., <i>et al.</i> (16 coauthors including Wright, P.) 2012, GRB120326A: IAC80 Observations, GRB Coordinates Network, GCN Circular 13112 | |
| RESEARCH EXPERIENCE | <p>University of Glasgow 2014 – present Post-Graduate Research Assistant / Ph.D. Student Project: <i>The Energetics of Small Solar Flares and Brightenings</i> Supervisor: Iain G. Hannah Analysing non-flaring, and weakly flaring active regions in order to better understand active region heating. Numerous collaboration visits to the Harvard-Smithsonian Center for Astrophysics (~5 weeks)</p> <p>Harvard-Smithsonian Center for Astrophysics 2013 – 2014 Research Scholar Project: <i>Strong-Flare Rates of Solar-Like Stars</i> Supervisor: Steven H. Saar Creating and implementing Interactive Data Language (IDL) based stellar flare detection algorithms to determine the strong-flare rate of solar-like stars, to explore the implications for the largest flaring events on the Sun.</p> | |

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| RESEARCH EXPERIENCE (CONT.) | School of Physics and Astronomy, University of Southampton Undergraduate Research Assistant Project: <i>Searching for a Double Blue Straggler Sequence in Globular Clusters</i> Supervisor: Andrea Dieball Created photometry and data analysis pipelines to implement with DOLPHOT photometered <i>Hubble Space Telescope</i> data (ACS, WFPC2). | 2013 |
| | Observatorio del Teide, Izaña, Tenerife Undergraduate Research Assistant Undertook six nights of observations using professional telescopes, gathering data for a self-proposed project, observing multiple GRBs, and observing a potential exoplanet transit on behalf of the MEarth team. | 2012 |
| CONFERENCES, WORKSHOPS, & SCHOOLS | Invited Oral Presentations <i>ISSI Team Meeting: Coronal Nanoflares</i> , Bern, Switzerland <i>Harvard-Smithsonian Center for Astrophysics</i> , Cambridge, MA, USA | 2016 2014 |
| | Oral/ePoster Presentations <i>Hinode-9</i> , Belfast, UK <i>Glasgow-Cambridge Flare Workshop</i> , Glasgow, UK | 2015 2015 |
| | Poster Presentations <i>Coronal Loops Workshop VII</i> , Cambridge, UK <i>NAM 2015</i> , Llandudno, UK <i>223rd AAS Meeting</i> , National Harbor, MD, USA | 2015 2015 2014 |
| | Schools Attended <i>CESRA Radio Summer School 2015</i> , Glasgow, UK <i>STFC Advanced Summer School in Solar Physics</i> , Dundee, UK | 2015 2014 |
| | Conferences/Workshops Attended <i>SUPA Cormack Astronomy Meeting</i> , Edinburgh, UK <i>RAS Discussion Meeting: Results from IRIS</i> , London, UK <i>SUPA Cormack Astronomy Meeting</i> , Edinburgh, UK <i>1st Space Glasgow Research Conference</i> , Glasgow, UK | 2015 2015 2014 2014 |
| PROFESSIONAL SERVICE | CESRA Radio Summer School University of Glasgow Assisted with various aspects of the summer school. | 2015 |
| VOLUNTEER EXPERIENCE | Open Day Helper University of Glasgow | 2015 |
| | Guest Presenter STV Glasgow Copresented a webstream to over 9000 viewers during the partial solar eclipse. | 2015 |
| | WorldWide Telescope Outreach Ambassador WorldWide Telescope Program (WWT at Harvard), Harvard University | 2013 – 2014 |
| | Vacation Volunteer Harvard Square Homeless Shelter, Harvard University | 2013 – 2014 |
| | General Volunteer BBC Stargazing Live, University of Southampton | 2013 |
| | Open Day Guide University of Southampton | 2012 – 2013 |
| | Demonstrator So'ton Astrodome, University of Southampton | 2012 |
| | Volunteer Demonstrator BBC Bang Goes the Theory Roadshow, Institute of Physics | 2012 |
| POSITIONS OF RESPONSIBILITY (ELECTED) | Third Year Course Representative School of Physics and Astronomy, University of Southampton Provided a link between the student body and the academic staff to encourage discussions with regards to academic integrity, the quality of teaching, and other important issues. | 2012 – 2013 |

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| TEACHING | University of Glasgow Physics Pre-University Summer School 2015 supervising and marking work for the pre-university summer school for students entering their first year of study. Astronomy 3/4 (Honours) Laboratory Demonstrator 2015 - 2016 Demonstrating, supervising, and marking a number of research projects. |
| AWARDS AND GRANTS | SUPA School of Physics and Astronomy, University of Glasgow Hinode-9 LOC – £210 2015 Awarded to cover costs associated with attending the Hinode-9 Conference in Belfast, UK. ESA/Cambridge Philosophical Society – £300 2015 Awarded to cover all costs associated with attending the Coronal Loops Workshop VII in Cambridge, UK. School of Physics and Astronomy, University of Southampton Research Scholarship – \$3500 (~£2300) 2013 Awarded on the basis of academic excellence, in combination with the opportunity to undertake the fourth year of study at the Harvard-Smithsonian Center for Astrophysics conducting research in a chosen field. Summer Studentship Grant – £1440 2013 Awarded to pursue an eight week project investigating Blue Straggler sequences in core collapse globular clusters. Total: ~£4200 |
| MEMBERSHIPS | International Space Science Institute (ISSI) , Young Scientist Member 2015 – present Member of Paola Testa’s ISSI Team: <i>New Diagnostics of Particle Acceleration in Solar Coronal Nanoflares from Chromospheric Observations and Modeling</i> Royal Astronomical Society , RAS Fellow 2015 – present |
| RELEVANT SKILLS AND EXPERIENCE | Astronomy Software: DAOPHOT, DOLPHOT, IRAF, DS9. Computer Programming: Bash, IDL (SolarSoft.), L ^A T _E X, Python. Observing Experience: IAC80, ≈ 40 Hours; Meade LX200, ≈ 10 Hours; Faulkes Telescope South, 2.5 Hours. Operating Systems: Linux (Ubuntu, Red Hat), Mac OS X, Windows XP/7. Technologies: CSS, HTML. |