Dr Stewart Eyres, FRAS, MInstP, MIAU, FHEA: Curriculum Vitae

Personal profile

I am Dean of the Faculty of Computing, Engineering and Science, at the University of South Wales. I provide strategic leadership on our portfolio, also leading on equality, diversity and inclusion as well as staff development. I deputise for the Executive Dean, and line manage the Heads of School and the Head of Learning, Teaching and Student Experience. During my time at the University of Central Lancashire I was most recently Head of Physical Sciences and Computing, and over my time there I also acted as Head of the Centre for Astrophysics (3 months), Associate Head of Physics (6 months), Head of School (5 months), and previously was the Associate Head, then Associate Dean, of the School of Computing, Engineering and Physical Sciences (2009 to 2015). I am currently Chair of the STFC Steering Committee for the e-MERLIN/VLBI National Facility, and have previously chaired the PATT Time Allocation Committee for the Liverpool Telescope. I joined the UK Square Kilometre Array Science Committee in January 2017. I retain a Visiting Fellow role at the University of Central Lancashire within the Jeremiah Horrocks Institute, and since October 2017 I have been External Examiner for the Astronomy programmes at University College London. During 2017 as Chair of the STFC Steering Committee I made key contributions in evidence to the Radio Astronomy Review Panel and supported STFC and the Facility staff in agreeing renewed and enhanced funding from 2018 onwards. In the Faculty we have seen an 8 point improvement in the mean Overall Satisfaction resopnse to NSS (2019 vs 2017 survey), with the Schools seeing improvements in almost all categories. From 2017 to 2019 we ran the Learning Experience Enhancement Project with a series of Development Workshops for experienced staff and a programme of Teaching Excellence Seminars and Symposia available to all. The Seminars will continue in 2019/20 expanding to provide more opportunities for staff to develop their teaching, while LEEP has developed into bespoke development activities for selected subject areas.

Skills summary

- Developing a strategy and associated operational requirements to develop learning, teaching and assessment in the Faculty.
- Planning for staff development and succession, including mentoring, providing opportunities to gain experience and aligning staff aspirations to School priorities.
- Academic Leadership of the School, including establishing key priorities, School identity and gaining support from staff.
- Management of staff and operations budgets, including change management.
- Rapid assimilation of scientific and technical information.
- Accurate and rigorous scientific writing.
- Oral and written presentation of results and resource proposals.
- Document preparation, web authoring, graphic design. Use of WebCT.
- Data reduction, handling & analysis.
- Computer programming.
- Supervision, teaching and training of school, undergraduate, and postgraduate students, the public, and fellow staff.
- Experience in international collaborative projects.
- Organization and execution of independent work.
- Planning and execution of scientific and observational projects.
- Team working.
- Quick acquisition of new skills.
- Media relations

Achievements summary

- Leadership of newly formed School of Physical Sciences and Computing.
- Management of change within the Faculty of Computing, Engineering and Science, as well as previously the School of Computing, Engineering and Physical Sciences.
- Movement of entire Astronomy by Distance Learning on–line course support to WebCT.
- Development and tutoring of IT for Astronomy and Introduction to Astrobiology (distance learning modules) for the first time.
- Early detection of radio emission brightening in recurrent nova RS Oph
- First detection (in collaboration with Worters) of resumption of accretion post–outburst in recurrent nova RS Oph
- First detection of radio emission from the classical novae V705 Cas, V723 Cas, V1494 Aql and the final–helium shell–flash object V4334 Sgr
- First correlation of radio and HST images of HM Sge
- Detection of IR molecular emission in V4334 Sgr
- Completion of HST observations of symbiotic stars
- Detecting wind absorption features in V4334 Sgr
- Tracking dust evolution in V4334 Sgr
- Separation of the binary components of HM Sge
- Imaging of ejecta from CH Cyg

Employment record

1. Dean and Associate Professor, Faculty of Computing, Engineering and Science. 2019 August 1 to date. University of South Wales (USW)
2. Dean and Associate Professor, Faculty of Computing, Engineering and Science. 2017 July 3 to 2019 July 31. University of South Wales (USW)
3. Head, School of Physical Sciences and Computing. 2015 August 1 to 2017 July 2. University of Central Lancashire (UCLan)
4. Associate Dean, School of Computing, Engineering and Physical Sciences. 2013 July 1 to 2015 July 31. University of Central Lancashire (UCLan)
5. Associate Head, School of Computing, Engineering and Physical Sciences. 2009 October 1 to 2013 June 30. University of Central Lancashire (UCLan)
6. Reader in Astronomy, School of Computing, Engineering and Physical Sciences. 2010 October 1 to 2017 July 2. University of Central Lancashire (UCLan)
7. Acting Head of School (re-designated Dean in 2011 August), School of Computing, Engineering and Physical Sciences. 2010 April 1 to 2010 August 31. University of Central Lancashire (UCLan)
8. Senior Lecturer, Course Leader in Astronomy, School of Computing, Engineering and Physical Sciences. 2008 April 1 to 2009 September 31. University of Central Lancashire (UCLan)
9. Acting Head of Physics, School of Computing, Engineering and Physical Sciences. 2007 October 1 to 2008 March 31. University of Central Lancashire (UCLan)
10. Senior Lecturer, Course Leader in Astronomy, Department of Physics, Astronomy and Mathematics. 2006 November 15 to 2007 September 30. University of Central Lancashire (UCLan)
11. Senior Lecturer, Deputy Course Leader in Astronomy, Department of Physics, Astronomy and Mathematics. 2004 September 22 to 2006 November 14. University of Central Lancashire (UCLan)

12. Senior Lecturer, Faculty Web and eLearning Coordinator, Department of Physics, Astronomy and Mathematics. 2003 March 22 to 2004 September 22. University of Central Lancashire (UCLan)
13. ODL Tutor (Science), Department of Physics, Astronomy and Mathematics. 2001 March 22 to 2003 March 21. UCLan
14. Distance Learning Tutor, Astrophysics Research Institute (ARI). 2001 January 1 to 2001 March 21. Liverpool John Moores University (JMU)
15. Postdoctoral Research Assistant, Professor M. F. Bode, ARI. 1999 January 1 to 2000 December 31. Liverpool John Moores University (JMU)
16. Postdoctoral Research Assistant, Professor A. Evans, Astrophysics Group, Physics Department. 1996 January 1 to 1998 December 31.Keele University

University education

1. Philosophy Doctorate (PhD) from the University of Manchester April 1996.
2. Master of Science (MSc) in **Radio Astronomy** from the University of Manchester March 1994.
3. Bachelor of Science (BSc) with First class honours in **Mathematical Physics** from the University of Manchester Institute of Science and Technology June 1992.
4. Postgraduate Certificate (PGCert) with Merit in **Management** from the University of Central Lancashire June 2011.

Personal details

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