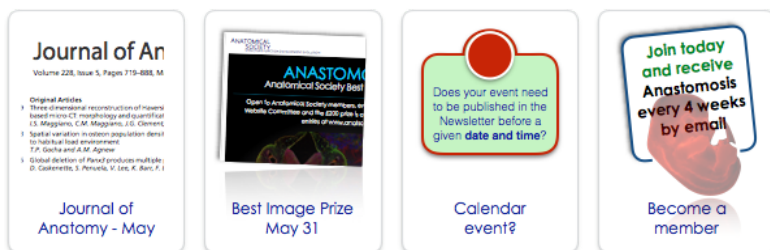




society newsletter for news, education, research, journals, meetings and reports.
published monthly

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Welcome to the May issue of Anastomosis. In this issue, we bring you the latest news from our members and keep you updated on upcoming deadlines. We also highlight some interesting news articles from the past month.

Awards

Barclay-Smith Traveling Fund Awards (R4)

Mr Toby Andrews, Ms Ruth Levey, Ms Gráinne Nielsen, Ms Eleanor Walder.

To participate in the AS Summer Meeting, Brighton & Sussex Medical School, University of Sussex, 19 - 21 July 2016.

Symington Bequest Awards 2015-16 (R4)

Dr Neal Anthwal, Mr James Charles, Mr Salman Goudarzi, Professor John Hutchinson, Professor Fabio Quondamatteo

Undergraduate Summer Vacation Research Scholarships 2016

Professor Catherina Becker, University of Edinburgh; Dr. Gavin Lowry, University of Newcastle; Professor Phillip Grodon-Weeks, King's College London; Dr Nobue Itasaki, University of Bristol; Dr. Jennifer Paxton, University of Edinburgh; Dr Dylan Sweetman, University of Nottingham; Dr. Andre Toulouse, University College Cork; Dr Michelle Walsh, University of Glasgow

Deadlines

Mark your diary!

The **Summer meeting of the Society** will take place jointly with the British Association of Clinical Anatomists (BACA) at Brighton and Sussex Medical School from **19-21 July 2016**.

The next deadline for the Society's **Best Image Prize** is **31 May 2016**. The size limit for submitted images is 1.0MB.

Applications to the Society's **Anatomy Training Programme** are now being accepted. The deadline date for applications for the 2016-17 programme is 1st August 2016 for those intending to join the programme commencing 1st September 2016. More information at <http://www.anat-soc.org.uk/Education/AnatomyTrainingProgramme/How-ToApply.aspx>

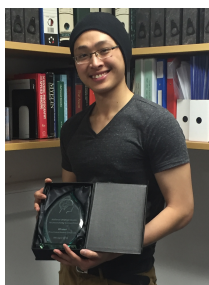
Anatomical Society Research Studentships 2016-17

The Anatomical Society offers a limited number of Research Studentships to be held in departments of anatomical sciences in the UK and Ireland. Applications are currently being invited from prospective supervisors for Research Studentships to commence in October 2017. Closing date: Friday 26th August 2016. Details at <http://www.anatsoc.org.uk/Awards/GrantsandPrizes/AnatomicalSocietyResearchStudentships.aspx>

People

Symington Awardee reports

Many thanks to **Professor Peter Dockery** for his report following participation in the AAA meeting, Experimental Biology, 2-6 April 2016, San Diego, USA; and **Siobhan Loughna & Lopa Leach** for their report following the Society-sponsored Departmental Seminar on Sleep, clocks and light at the University of Nottingham on 20 April 2016.



The **4th National Neuroanatomy Competition** took place on 9 April 2016 at the University of Southampton and featured a talk by former Society President Professor Ceri Davies, Professor of Anatomy, Department of Surgery and Cancer, Imperial College London. Picture: Prize winner Theron Ng (University of Dundee). Details at www.natneuro-comp.co.uk.

Graduate Center Support for Student Societies

The Society provides up to 6 competitive awards to support Student Surgical Societies and Other Student Societies. Applications for maximum funding of £200 are considered on a rolling basis (1 October to 30 September). More details at www.anatsoc.org.uk



Research

Aging Cell: sweating, aging, bruising = poor healing

Everyone grows old. Everyone gets a skin cut or bruise. Everyone sweats (or at least should). Turns out this combination may not be helpful in getting wounded aged skin to heal. You can read more about this report by Laure Rittie and colleagues at the University of Michigan Medical School, Ann Arbor, MI, USA in their paper "Reduced cell cohesiveness of outgrowths from eccrine sweat glands delays wound closure in elderly skin" in the current Early View issue of Aging Cell at <http://onlinelibrary.wiley.com/doi/10.1111/ace.12493/full>

Journal of Anatomy: pearly whites and growing bones

Our teeth may say a lot more about our bones than we previously thought. The relationship between enamel thickness and primary bone formation is explored in the fascinating link between enamel layers in teeth and lamellar bone growth by Patrick Mahoney and colleagues in universities at Kent (UK), London, Michigan and Ohio. You can read their findings in "Biorhythms, deciduous enamel thickness, and primary bone growth: a test of the Havers-Halberg Oscillation hypothesis" in the June issue of the Journal of Anatomy at <http://onlinelibrary.wiley.com/doi/10.1111/joa.12450/full>

Opportunities

Job Vacancies

Applications are invited for an **Anatomy Prosector (Dissecting Officer)** at **St. George's, University of London** - Institute of Medical and Biomedical Education. The successful applicant will work in the Anatomy Teaching Facility, and produce and maintain the prosected cadaveric anatomy specimens used for both under-graduate and post-graduate teaching. Closing date: **31 May 2016**.

A position is available for a **Lecturer (Anatomy Demonstrator)** at **Cardiff University** - Cardiff School of Biosciences, to undertake teaching, specifically relating to the subject of human anatomy. This will include teaching and practical demonstration of human dissection. Closing date: **30 May 2016**.

A vacancy for a **University Teacher - Medical Education** has opened up at **University of Liverpool - School of Medicine**. The successful applicant will be expected to provide basic science teaching to first and second medical students and have a good knowledge of human anatomy and physiology. Closing date: **10 June 2016**

Durham University - School of Medicine, Pharmacy & Health have a vacancy for a **Teaching Fellow in Anatomy and Clinical Skills** to contribute to the teaching of Anatomy and Clinical Skills, and be academic lead for the Allied health system. Closing date: **18 June 2016**.

If you have any news, events or announcements that you would like to see published in the newsletter, send us an email. Items should reach the editor a minimum of 30 days before the date that the event is scheduled to take place.

Journal of Anatomy

Volume 228, Issue 6, Pages 889–1006, June 2016

Review Articles

- 889 Diffusible iodine-based contrast-enhanced computed tomography (diceCT): an emerging tool for rapid, high-resolution, 3-D imaging of metazoan soft tissues
P.M. Gignac, N.J. Kley, J.A. Clarke, M.W. Colbert, A.C. Morhardt, D. Cerio, I.N. Cost, P.G. Cox, J.D. Daza, C.M. Early, M.S. Echols, R.M. Henkelman, A.N. Herdina, C.M. Holliday, Z. Li, K. Mahlow, S. Merchant, J. Müller, C.P. Orsbon, D.J. Paluh, M.L. Thies, H.P. Tsai and L.M. Witmer
- 910 Intermuscular force transmission along myofascial chains: a systematic review
F. Krause, J. Wilke, L. Vogt and W. Banzer

Original Articles

- 919 Biorhythms, deciduous enamel thickness, and primary bone growth: a test of the Havers-Halberg Oscillation hypothesis
P. Mahoney, J.J. Miskiewicz, R. Pitfield, S.H. Schlecht, C. Deter and D. Guatelli-Steinberg
- 929 Remobilization causes site-specific cyst formation in immobilization-induced knee cartilage degeneration in an immobilized rat model
M. Nagai, A. Ito, J. Tajino, H. Iijima, S. Yamaguchi, X. Zhang, T. Aoyama and H. Kuroki
- 940 Changes in shape and cross-sectional geometry in the tibia of mice selectively bred for increases in relative bone length
M.N. Cosman, L.M. Sparrow and C. Rolian
- 952 Variety, sex and ontogenetic differences in the pelvic limb muscle architectural properties of leghorn chickens (*Gallus gallus domesticus*) and their links with locomotor performance
K.A. Rose, R.L. Nudds and J.R. Codd
- 965 Non-metric variation of the middle phalanges of the human toes (II–V): long/short types and their evolutionary significance
J.-M. Le Minor, J.-F. Mousson, P. de Mathelin and G. Bierry
- 975 Cranio-facial remodeling in domestic dogs is associated with changes in larynx position
K. Plotsky, D. Rendall, K. Chase and T. Riede
- 984 Cranial biomechanics, bite force and function of the endocranial sinuses in *Diprotodon optatum*, the largest known marsupial
A.C. Sharp and T.H. Rich
- 996 Stereological assessment of sexual dimorphism in the rat liver reveals differences in hepatocytes and Kupffer cells but not hepatic stellate cells
R. Marcos, C. Lopes, F. Malhão, C. Correia-Gomes, S. Fonseca, M. Lima, R. Gebhardt and E. Rocha
- 1006 **Announcement**

Information on this journal can be accessed at: <http://www.journalofanatomy.com>

Cover: An eclectus parrot (*Eclectus roratus*) stained by C. M. Holliday (University of Missouri) and microCT scanned by L. M. Witmer (Ohio University) according to the diceCT (Diffusible Iodine-based Contrast-Enhanced Computed Tomography) protocol presented by Gignac et al. that reveals unprecedented soft-tissue detail in CT scanned specimens. *J Anat*, (2016) 228:6, 889-909.

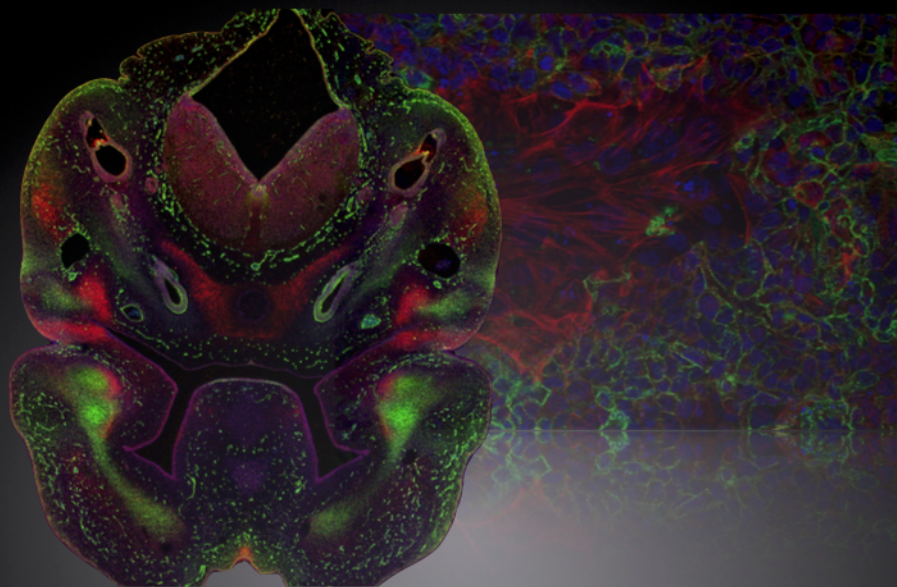
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ANASTOMOSIS

Anatomical Society Best Image Prize

Open to Anatomical Society members, entries are adjudicated by the Website Committee and the £200 prize is awarded twice a year. Submit entries at www.anatsoc.org.uk



Images should be a single colorful graphical image minimum 75 dpi and a maximum size of 1.0MB for use on Society website/newsletter. Consent from people appearing in any photos is required. A title (no more than 3 words) and short 50-word narrative should accompany the image (for example: what it is; how it was produced; why it is special). An applicant may submit not more than 3 images for any one competition. Applicants submitting images must either own the copyright to the image or have gained the explicit permission of the copyright holder for the image to be submitted for this competition. A copyright statement must accompany each application. Images on this poster: Susan Chapman, Stephane Berneau

CALL FOR SUBMISSIONS

Next deadline May 31