2017 Annual Meeting of the American Association of Anatomists

Please visit our website www.anatomy.org/annual-meeting-2017.html for program updates and changes.

2 Mini-Meetings

**SUNDAY, APRIL 23**
Applied Anatomy - Human Development and Disease Mini-Meeting

**MONDAY, APRIL 24**
The Evolution of Vertebrate Form and Function Mini-Meeting

Each mini-meeting will consist of feature plenary lectures plus 4-6 symposia related to the topic theme

Professional Development Symposia

› Is a Balanced Teaching/Research Career Fact or Fiction
› Work-Life Balance and Mental Health: How to Manage One without Losing the Other

Education & Teaching Symposia

› Anatomy Education Roundtable - Active Learning Approaches in Anatomy Education
› Building the Bridge: Connecting Prior Knowledge to New Knowledge (Hybrid) *
› Integrating and Assessing Anatomy & Physiology Education: What does the Educational Research Tell Us? AAA and APS Joint Session
› Preceding Professional Programs: Successful Anatomy Education in the Undergraduate Classroom
› So You Want to Create Digital Media for Education – Now What?

› Students and Faculty Discuss: How Best to Teach Anatomy in a Modern Medical Curriculum
› Sharing Resources for Integrated Education and Research – The Virtual Microscopy Database
This session was funded and programmed in part by the AAA Innovations Program
› Using Ultrasound to Teach Cardiovascular Physiology and Anatomy APS and AAA Joint Session
Scientific Symposia

› Advances and Novel Approaches Illuminating Brain Development and Disorders
  Co-sponsored by Developmental Dynamics
› Anatomy in the 21st Century: Anatomical Networks and Systems Biology
  This session was funded and programmed in part by the AAA Innovations Program
› Biomechanics of Multicellular Organization
› Body on-Chip and 3D Culture
› Bone Remodeling in Health, Disease, and Aging
› Cranial Biomechanics and Evolution
› Crossmodal Plasticity: Structural and Functional Reorganization in the Cortex Following Sensory Deprivation
› Evolutionary Approaches to Medicine
  Co-sponsored by AAA’s Advisory Committee for Young Anatomists
› EXTREME Anatomy: Living Beyond the Edge
  Co-sponsored by The Anatomical Record
› Genital Functional Morphology: Mechanical Forces and Sexual Selection
  This session was funded in part by an AAA Three-Year Research Meetings Outreach Grant
› Induced Pluripotent Stem Cells and their Translational Applications
› Linked Modules in Anatomical Inference: New Approaches to Morphological Integration
› Mechanism of Palate Development
› Molecular Signals in Cardiovascular Biology
› Novel Function of Fibrinolysis in Tissue Repair
› Novel Roles for Mesenchymal Cells in Cardiovascular Cell Fate Decisions and Patterning
› Organoids: Recapitulating Anatomy in a Dish

› Progress of Human Brain Banking in China: Construction and Research
  Co-sponsored by the Chinese Society for Anatomical Sciences
› Reproducibility in Experimental and Preclinical Research
  Guest session sponsored by The Histochemical Society
› Single Cell Analysis in Developmental Biology
› The Anatomy of Cell Shape
› The Low Back: Anatomy, Dysfunction, and Mechanisms of Pain and Therapeutics
› The Mighty Osteocyte: No Bone about It
› Vascular Sprout Mechanisms

Platform Session Topics

› Anatomy Education *
› Cardiovascular Biology *
› Cell Biology *
› Developmental Biology *
› Evolution and Comparative Anatomy *
› Form and Function *
› Morphological Sciences *
› Neurobiology *
› Stem Cells & Tissue Engineering *

*AAA will be accepting abstracts for oral presentation within this session. Please see AAA topic categories starting on page 10.

STUDENT/POSTDOC TRAVEL AWARDS AVAILABLE

Travel awards of $250 and $350 are available for new and renewing AAA members who submit an abstract and present at EB 2017. All travel award applicants are also eligible for the on-site competition awards. The application is part of the abstract submission process, so apply online when you submit your abstract at www.experimentalbiology.org. Visit www.anatomy.org/travel-awards.html for details.

- Join or renew your AAA membership for 2017 by 11/18/16
- Be a First author and presenter at EB 2017
- List AAA/Anatomy as your sponsoring society
- Select an AAA abstract topic category