A detailed microscopic image of a tissue section, likely stained with a combination of dyes to highlight different cellular components. The image shows a complex network of fibers and cells, with a color palette dominated by bright yellows, oranges, and reds, interspersed with dark grey and blue-green areas. The overall appearance is that of a dense, fibrous structure, possibly connective tissue or muscle fibers, viewed under a microscope.

2015 YEAR IN REVIEW

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ABOUT THE AMERICAN ASSOCIATION OF ANATOMISTS

Mission: Advancing anatomical science through research, education, and professional development.

The American Association of Anatomists was founded by Joseph Leidy in Washington, D.C. in 1888 for the “advancement of anatomical science.”

Today, via research, education, and professional development activities, AAA serves as the professional home for an international community of biomedical researchers and educators focusing on the structural foundation of health and disease.

In 1993, AAA joined the Federation of American Societies for Experimental Biology (FASEB). FASEB is the nation’s largest coalition of biomedical researchers, representing 30 scientific societies and over 125,000 researchers from around the world.

ON THE COVER

Winner of 2015 FASEB BioArt competition Shachi Bhatt and Paul Trainor of the Stowers Institute for Medical Research with their image “Anatomy of parallel developmental paths for nerve cells and blood vessels.”

DEAR MEMBERS:



Thank you, AAA members, for a memorable first year as president! The AAA is stronger than ever, and is keeping pace with advances in our mission areas of research, education, and professional development. Anatomy was foundational to many of the biggest scientific discoveries of 2015. Budding scientists, enthralled with the newly discovered human-like species, *Homo naledi*, will join AAA members Andrew Deane, Ph.D., Kimberly A. Congdon, Ph.D., and Jill E. Scott, M.A. in building their future careers in anatomy. The gene editing system, CRISPR-Cas9, made it possible to rapidly alter species' germlines, and we acknowledged member Feng Zhang with the Young Investigator Award, and we contributed to the public discussion through an AAA position statement on embryo manipulation. A brain disorder similar to Parkinson's disease was discovered to be caused by a new prion – prions were discovered by Stanley Prusiner, M.D., and resulted in the Nobel Prize – and Nobel Laureates Prusiner and Eric Kandel, M.D. along with evolutionary developmental biologist, Sean Carroll, Ph.D., were keynote speakers at our annual meeting in Boston. Does your scientific work call for publication of digital videos or 3-dimensional images? Check out *The Anatomical Record* WOW article on pregnancy in a live seal! As I said, we're keeping up with science, and you can keep up with us on Facebook and Twitter too!

The AAA has been a critical resource for members for decades, and 2015 was no exception.

This year, we funded an Innovations Program project for a virtual microscopy slide repository, and the group headed by members Lisa Lee, Ph.D., Michael Hortsch, Ph.D., and Haviva Goldman, Ph.D. is building out the Virtual Microscopy Database website that will soon benefit members worldwide. Of note, most of their work has been conducted through an online community on Anatomy Connected, and other member task forces are working on content areas and learner competencies for education in embryology, histology, and gross anatomy.

Our organization is home to anatomists working across fields, from anthropology to genomics, yeast to non-human primates, tissue engineering to health professions. To better serve our members, we are strengthening collaborations with other societies. Our annual meeting included programs from the Anatomical Society and the International Society of Vertebrate Morphology, and we are looking forward to 2016 programming from the Biomedical Engineering Society and the Brazilian Society of Anatomy.

The AAA serves members in their professional development, in part by increasing opportunities for member engagement, participation, and leadership. With this in mind, we made significant progress in our governance revisions, following a plan set in place by Past President, Lynne Opperman, Ph.D., FAAA. Board task forces worked on restructuring committees, opening up volunteer positions for members, and increasing transparency in volunteer appointments and nominations processes. For additional professional development, the newly launched Mentor Match program allows members to identify colleagues who best fit with their career aspirations and areas of interest.

Keep an eye on us in 2016. We're giving out 195 travel awards for students, postdocs, and early career faculty. We're watching the career trajectories of our AAA funded postdoctoral scholars and future educators in the Anatomy Training Program. Will you be one of the AAA supported visiting scholars or the newest member of the professional development committee? Network at the meeting! Organize a symposium! Immerse yourself in the dynamic, inclusive, supportive AAA! Have a great year!

Sincerely,

A handwritten signature in black ink that reads "Kimberly Topp". The signature is fluid and cursive.

Kimberly Topp, PT, Ph.D., FAAA
President 2015-2017

2015 TIMELINE



January: New Board Members elected: Phil Brauer, Ph.D., FAAA, President-Elect, along with Directors Anna Lysakowski, Ph.D., FAAA, Wayne Vogl, Ph.D., FAAA, and Keely Cassidy, M.S.

February: Lydia Don Carlos, Ph.D. represents AAA on the National Sleep Foundation's Sleep Recommendation Panel which releases sleep duration guidelines for the nation.



March: Annual meeting at Experimental Biology draws a record crowd with 1,057 attendees. Invited speaker Thomas Webster, Ph.D. featured in CNN regarding nanoparticles and tissue growth.



April: Task Force for Anatomical Sciences launched on Anatomy Connected; FASEB Capitol Hill Day held on April 14th. AAA members visit 34 Congressional offices.

May: Launch of the new and improved AAA website. First-ever international Regional Meeting held in London, Ontario, Canada, at Western University.



June: Release of AAA position statement on embryo gene manipulation. *The Anatomical Record* releases Special Issue: "The Anatomy of the Mummy."



July: Committee Chairs meet in first-ever joint strategy meeting to share ideas and discuss priorities; The Advisory Committee for Young Anatomists (ACYA) launched "From the Desk of ACYA" article series with helpful tips for new and emerging scientists and faculty.

August: New Career Center launches. It becomes the most popular section of the AAA website after the homepage.



September: FASEB holds a series of roundtable discussions on enhancing research reproducibility. President Kimberly Topp, PT, Ph.D., FAAA, participated on behalf of the Association.

October: Milwaukee Regional Meeting held on October 3, 2015, at the Medical College of Wisconsin.



November: Two teams were awarded Innovations Program funding for 2016- Anatomical Network Analysis (Rui Diogo, Ph.D., Julia Molnar, Ph.D., Borja Esteve-Altava, Ph.D., Julia Boughner, Ph.D., Christopher Smith, M.A.) and Anatomy Educational Research Institute (Valerie Dean O'Loughlin, Ph.D., Polly R. Husmann, Ph.D., James J. Brokaw, Ph.D.).

December: Bone Lab Radio, a podcast series about bones and the stories they tell, launches. The series is supported by an Outreach Grant.



NUMBERS

1,965 Total Members in **52** Countries

360 New Members

Job Listings: **183** Positions Listed

AAA tracks mentions of the Association, its journals, and its members in the media. In 2015, we received press in CNN, Scientific American, LiveScience, CBS News, NBC News, Daily Mail, Yahoo!News and BuzzFeed, among other publications.

101 Media Hits

Annual Meeting 2015 Boston attendees: **1,057**

Annual Meeting 2015 Boston abstracts: **647**

Facebook: **764** New Likes

3,823 Total Likes

942 Anatomy Connected Unique Messages:
anatomyconnected.anatomy.org



Network.

Time and time again our members tell us one of the most important reasons for joining the Association is the opportunity to network with colleagues. Anatomy is an inherently diverse field. Our members study archeology, cell biology, gross anatomy, paleontology, neurobiology, and everything in-between.

Networking can mean many things to many people. The Association provides opportunities for members to network face-to-face and through platforms such as our online community and mentoring.

Annual Meeting at Experimental Biology

Each year the annual meeting at Experimental Biology (EB) brings together our members for a chance to present their research and take part in educational and professional development symposia and events. EB is a large-scale meeting with scientists and exhibitors representing six sponsoring societies and multiple guest societies.

We host our own “meeting within a meeting” to give our members the opportunity to network face-to-face. This is the largest event of the Association and the preeminent anatomical science meeting in the United States. Participants attend from around the globe. Awards and grants are presented each year at the Closing Awards Ceremony.

Meeting Awards and Grants

A highlight of each year is the Awards Ceremony held on the final day of the meeting. Awards are presented to members for their scientific and service accomplishments.

An elite group of student and postdoc poster and platform presentations are eligible for competition awards. The Advisory Committee for Young Anatomists (ACYA) judges each presentation and awards prizes of up to \$500. In 2015, 15 competition award winners received \$6,050 in support of their accomplishments.

Attending a major conference can be a challenging experience for students and those early in their career; however, attending events early in one’s career is an invaluable experience in terms of training, professional development, and networking. To that end, AAA supports students and early-career scientists with monetary travel awards to ease the financial burden of attendance. In 2015, we provided 195 travel awards totaling \$57,000.

Regional Meetings

Held up to twice a year, regional meetings provide national meeting level programs and benefits to members preferring a more intimate venue. Poster presentations give students and faculty the chance to present their work and the smaller size allows for hands-on workshops demonstrating current developments in anatomy teaching and anatomy tools and software.

2015 Regional Meetings

May 30th, 2015
Schulich School of Medicine and Dentistry
Western University
London, Ontario, Canada

October 3rd, 2015
Medical College of Wisconsin
Milwaukee, Wisconsin



Outreach Grants

Outreach grants provide members with opportunities to support anatomy-focused events and meetings throughout the country and world. These events allow members to network with each other through education events at local institutions or through supporting and attending other non-AAA meetings. Awards of up to \$3,000 are available to members in support of these events.

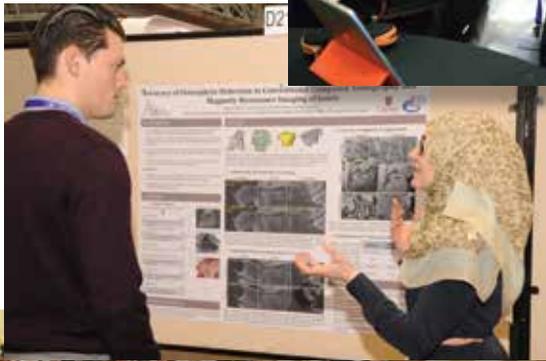
A few supported outreach events in 2015:

- Geoffrey Guttman, Ph.D., University of North Texas Health Science Center
TABS - Texas Academy of Biomedical Sciences - Anatomy Enrichment Program for Fort Worth ISD 8th/9th grade students
- Maureen Stabio, Ph.D., The University of Colorado School of Medicine
Anatomy Education Day and Brain Awareness Week 2016
- Diane Kelly, Ph.D., University of Massachusetts
In support of the meeting Building an Extravagant Toolbox:
The Morphological Diversity

Mentor Match

Launched in 2015, Mentor Match is our online members-only mentoring program to assist students and early-career scientists transition into the field of anatomy. The program also helps members meet their professional development and networking goals.

Run through our Anatomy Connected online platform, members can search for mentors or mentees using multiple criteria, such as research interests and career level. Tips for how to bring the mentoring relationship offline are provided, and the mentoring relationship can become as hands-on as desired by both mentor and mentee.



MEMBER SPOTLIGHTS



ANNE TITELBAUM, PH.D.

Assistant Professor, University of Arizona
College of Medicine-Phoenix

Biological Anthropologist specializing in human skeletal biology, paleopathology, and bioarchaeology.

Focusing much of her research in Andean South America, Dr. Titelbaum studies ancient skeletal remains to investigate trauma, pathology, developmental anomalies, and mortuary practices.

“I conduct skeletal analysis of human remains recovered from archaeological contexts. I estimate the age and sex of individuals, and look for evidence of prehistoric diseases, violence in the form of skeletal trauma, and insight into behavior from musculoskeletal stress and mortuary context.



Dr. Titelbaum is affiliated with the *Proyecto Arqueológico Huari-Ancash*, an ongoing bioarchaeological research project in the northern highlands of Peru. There she oversees the analysis of human skeletal remains recovered from archaeological excavation at the prehispanic site of Marcajirca, found at 12,500 ft AMSL. “A number of the crania we’ve found demonstrate trepanations (prehistoric cranial surgeries) that were likely done to treat complications from traumatic head injury, such as an epidural hematoma. Though the archaeological site dates to around AD 1200, the trepanations had a relatively high success rate (about 80-85%), as measured by evidence for long-term healing.”

Her success in her field came from years of hard work and networking skills. Having joined AAA soon after beginning her postdoc, Dr. Titelbaum credits one of her career highlights as working under her mentor, John Verano, Ph.D., excavating and analyzing prehistoric Moche sacrificial victims from Huaca de la Luna on the coast of Peru.



FOTEINI KAKULAS, PH.D. (formerly Hassiotou)

Research Fellow, Hartmann Human Lactation Research Group
at the University of Western Australia

Advancing the current knowledge on stem cells, breastmilk immunology, miRNA, lactation, and cancer.

Dr. Kakulas devotes her research to the nature of stem cells in breastmilk and in the mammary gland *in vitro* and *in vivo*, and explores novel ways to use them in regenerative medicine. As part of the Human Lactation Research group, she directs the Cell Biology Team and has the freedom to focus on many aspects of human lactation including miRNAs in breastmilk and their role for the infant and in the lactating breast, and mechanisms by which breastmilk feeding can protect against obesity later in life. “I also oversee research that examines breast and brain cancer, focusing on cancer stem cells and the development of novel strategies to eradicate them.”

Dr. Kakulas is the recipient of an AAA Postdoctoral Fellowship which awarded her with research funding to support her work, and was runner up for the Postdoc Platform Award at the annual meeting at EB 2015. As a result of her work studying breastmilk stem cells, she was a recipient of the Early Career Researcher Ehrlich-Koldovsky Award from the International Society for Research in Human Milk and Lactation, and the 2011 National Winner of the AusBiotech Research Excellence Award for Australia.





**JOY REIDENBERG,
PH.D., FAAA**

Professor, Icahn School of
Medicine at Mount Sinai

Comparative anatomist studying animals adapted to extreme environments.



Dr. Reidenberg has accomplished her childhood dream. Growing up watching *Mutual of Omaha's Wild Kingdom*, she identified with Jim Fowler, the co-host best known for being out in the wild interacting with the animals. Fast forward 40 years and she is now a co-host on the natural history documentary series called *Inside Nature's Giants* on PBS. "One of my filming trips took me to two places in Africa to film two dissection episodes. First I was filmed dissecting a great white shark, then on to a dissection of big cats (lion and tiger) followed by a safari to study lions. The dissections were, needless to say, awesome experiences for a comparative anatomist."

Her research on how animals adapt to extreme environments may be used to help treat diseases and prevent injuries in humans. "Humans could be in an environmental situation, artificial or natural, where they might struggle to survive – unless they can adapt by using something we've learned from studying animals. For example, we look at whales because they're adapted not only to living in the water (e.g., extreme breath-holding), but they're also diving animals, and that means they can withstand huge changes in pressure. This has implications for humans, such as soldiers or construction workers, dealing with explosives."



INNOCENT EDAGHA, PH.D.

Lecturer II, University of Uyo, Uyo, Nigeria

Researcher investigates malarial parasites and anti-malarials in murine brain.

Dr. Edagha has dedicated his research to understanding the effects of herbal and conventional anti-malarials on the brain's histomorphology and histomorphometry, particularly reactive astrocytes using *in vivo* and *in vitro* murine models. When not in the lab, his

primary work focus is teaching human anatomy to undergraduate and postgraduate students. In 2014, Dr. Edagha was awarded a Fulbright fellowship to New York University Langone Medical Center, School of Medicine, Division of Parasitology, and in June 2015, his work culminated in the presentation of collaborative findings on antiplasmodial peptide at the New York Academy of Medicine. Recently, Dr. Edagha was offered a postdoctoral research position at the University of KwaZulu-Natal (UKZN), Durban South Africa for one year; he has deferred it until January, 2017.



Dr. Edagha understands the influence that AAA can have across the globe. "AAA is a forward 'moving and thinking' organization with a leadership that truly cares. As a global organization with strong linkages through our meetings and Anatomy Connected, I know that members are willing to support each other. For example, books and equipment could be donated to institutions and laboratories in developing countries, and AAA members can collaborate with each other to make this a reality."

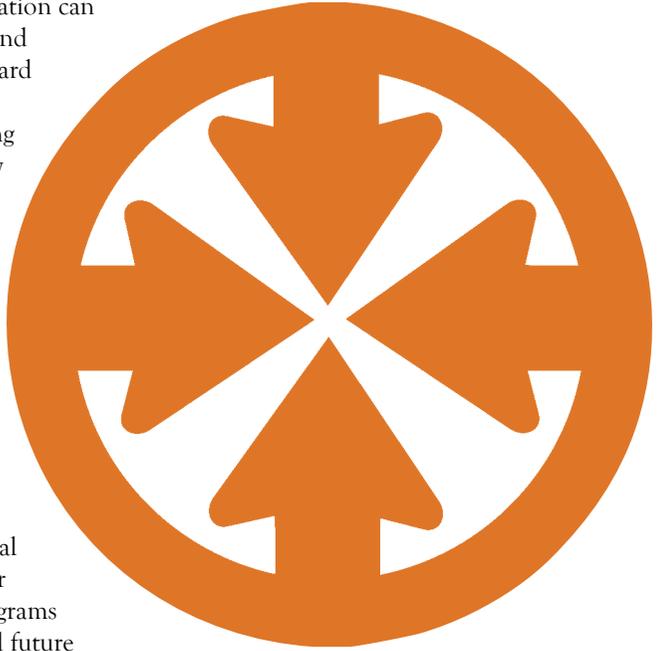
Engage.

Engaging with your Association can come in many forms both big and small. From committee and Board service, to serving as judges for our various awards, to answering member questions on Anatomy Connected and applying for funds to create new programs that benefit the Association and its members. There is no engagement too small and no service unworthy.

Committees

Our committees, listed on page 10, serve as the backbone to the Association. The committees plan our annual meeting, select recipients of our many awards, and plan the programs that help shape the current and future generations of anatomists.

Each year we open a Call for Volunteers seeking interested members who'd like to become more engaged in the Association. There are various levels of service and all members are encouraged to explore options—from undergraduate members, to faculty and career scientists. If you have time and knowledge to share, there is room for you in the Association.



Anatomy Connected

Have you responded to a post yet? Posed a question? Uploaded your photo? Anatomy Connected continues to be the hub of member conversation since its launch in 2014.

At your fingertips (literally) are the nearly 2,000 members of the Association, day and night. Members have posted surveys, advertised international teaching and learning expeditions, and asked questions as diverse as how to accommodate students who need extra time for anatomy exams to the types of personal protective equipment required at each school's anatomy lab.

Anatomy **CONNECTED**

Innovations Program

The Innovations Program allows members to come up with useful and helpful programs that will benefit the Association. As the experts in anatomy, members have the knowledge, creativity, and know-how to create new programs that benefit the Association and the discipline of anatomy.

Recipients:

Anatomical Network Analysis

The team of Rui Diogo, Ph.D. (PI) and co-PIs Julia Molnar, Ph.D., and Borja Esteve-Altava, Ph.D. of Howard University College of Medicine, in collaboration with co-PIs Julia Boughner, Ph.D. (University of Saskatchewan) and Christopher Smith, M.A. (Mount Sinai).

Amount awarded: \$50,000

Overview: This project introduces AAA and the anatomical community to a powerful new method to quantify musculoskeletal modularity, integration, complexity, and evolvability. The Anatomical Network Analysis will show the results of, and help explain how one does anatomical network analyses which are the newest way of promoting anatomical studies within the rising field of systems biology. In particular, by using network theory these analyses allow researchers to study the evolution of patterns of integration, modularity, and complexity, and therefore of evolvability, in a quantitative, more objective way.

Anatomy Educational Research Institute (AERI)

The team of Valerie Dean O'Loughlin, Ph.D., Polly R. Husmann, Ph.D., and James J. Brokaw, Ph.D. of the Indiana University School of Medicine

Amount awarded: \$50,000

Overview: AERI will be a 5-day conference offered the summer of 2017, and will partner leaders in anatomy educational research with anatomists interested in improving their teaching and educational research skill sets. AERI participants will be actively engaged and immersed in teaching pedagogies, assessments, and educational research/inquiry. In addition, unlike webinars, AERI will provide significant face-to-face time and opportunity for discussion, collaboration, and networking among participants and field leaders.



LEADERSHIP

COMMITTEES

Committees work on shaping the projects that make up the Association. Through the volunteer effort of committee members the Association brings in new members, coordinates programming for the annual meeting, and manages awards and nomination processes. Information about committees is available at www.anatomy.org/committees.html

Advisory Committee for Young Anatomists (ACYA)

Chair: Michelle Lazarus, Ph.D.
Monash University

Educational Affairs Committee (EAC)

Chair: Rebecca Lufler, Ph.D.
Tufts University School of Medicine

Journal Trust Fund & Investment Committee (JTFI)

Chair: Bryon Grove, Ph.D.
University of North Dakota School of Medicine

Membership Committee

Chair: Philip Brauer, Ph.D., FAAA
Creighton University School of Medicine

Professional Development Committee

Chair: Robert Dettman, Ph.D.
Northwestern University

Program Committee

Co-chairs:
Paul Trainor, Ph.D.
Stowers Institute for Medical Research
Judith Venuti, Ph.D., FAAA
Oakland University William Beaumont School of Medicine

Public Affairs Committee (PAC)

Chair: H. Joseph Yost Ph.D.
University of Utah

Publications Committee

Chair: Kathy Svoboda, Ph.D., FAAA
Texas A & M University, Baylor College of Dentistry

Scientific Affairs Committee (SAC)

Chair: Scott Miller, Ph.D.
University of Utah School of Medicine



2015 BOARD OF DIRECTORS

The governance of the Association resides in the 14 member Board. Board members are elected by the membership and convene twice yearly at the annual meeting at Experimental Biology and at varying locations around the U.S. in the fall.

President

Kimberly Topp, PT, Ph.D., FAAA
University of California
San Francisco

President-Elect

Philip Brauer, Ph.D., FAAA
Creighton University
School of Medicine

Past President

Lynne A. Opperman, Ph.D., FAAA
Texas A&M University
Baylor College of Dentistry

Secretary-Treasurer

Richard L. Drake, Ph.D., FAAA
Cleveland Clinic
Lerner College of Medicine

Program Co-Chair

Paul Trainor, Ph.D.
Stowers Institute for Medical Research

Program Co-Chair

Judith M. Venuti, Ph.D., FAAA
Oakland University
William Beaumont
School of Medicine

Directors

Valerie DeLeon, Ph.D.
University of Florida

Anna Lysakowski, Ph.D., FAAA
University of Illinois at Chicago

David Morton, Ph.D.
University of Utah
Health Science Center

Rick Sumner, Ph.D.
Rush University Medical Center

A. Wayne Vogl, Ph.D., FAAA
University of British Columbia

Katherine Yutzey, Ph.D.
Cincinnati Children's Medical Center

Student/Postdoctoral Trainee Directors

Annita Achilleos, Ph.D.
Baylor College of Medicine

Keely Cassidy, M.S.
Indiana University



Grow.

The July/August 2015 *Anatomical Sciences Education* ran a special issue on Interprofessional Education in the Anatomical Sciences. We know from AAMC President, Darrell Kirch, that “interprofessional education is critical to achieving a better health care future.” As anatomy professionals it’s clear that progress is made in the classroom or lab when individuals from different disciplines work together towards a common goal. The next generation of health professionals can grow from this knowledge, as well as faculty and scientists alike.

In 2015, several resources provided members with tools to grow their careers through improving their teaching, helping to fund projects, and awarding career achievements.

Career Center

The Career Center hosts hundreds of jobs in the anatomical sciences. As the second most popular page on anatomy.org, after the homepage, the job site supports members and the general public in exploring careers in the anatomical sciences.

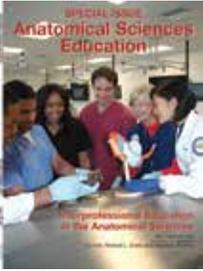
Grants for Professional Development

The Postdoctoral Fellowship provides \$20,000 of salary support to postdocs working in the anatomical sciences. This support allows postdocs to augment their salary and continue to work in the laboratories related to their scientific interests. The Short-term Visiting Scholarship provides funding support to allow members to travel to a lab or take a short-course designed to enhance their career.



Scholarly Journals

Grow your research portfolio by submitting to one of our three journals: *Anatomical Sciences Education*, *Developmental Dynamics*, and *The Anatomical Record* published through Wiley.



Anatomical Sciences Education

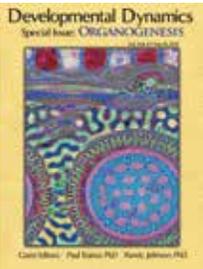
Editors: Richard L. Drake, Ph.D. and Wojciech Pawlina, M.D.

72 Published Articles

Acceptance rate: 51%

Top Downloaded Article:

“Design and implementation of an online systemic human anatomy course with laboratory”



Developmental Dynamics

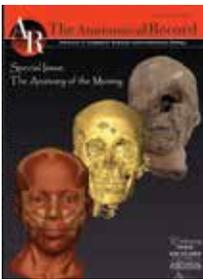
Editor: Parker B. Antin, Ph.D.

137 Published Articles

Acceptance rate: 52%

Top Downloaded Article:

“Role of transcriptional regulation in the evolution of plant phenotype: A dynamic systems approach”



The Anatomical Record

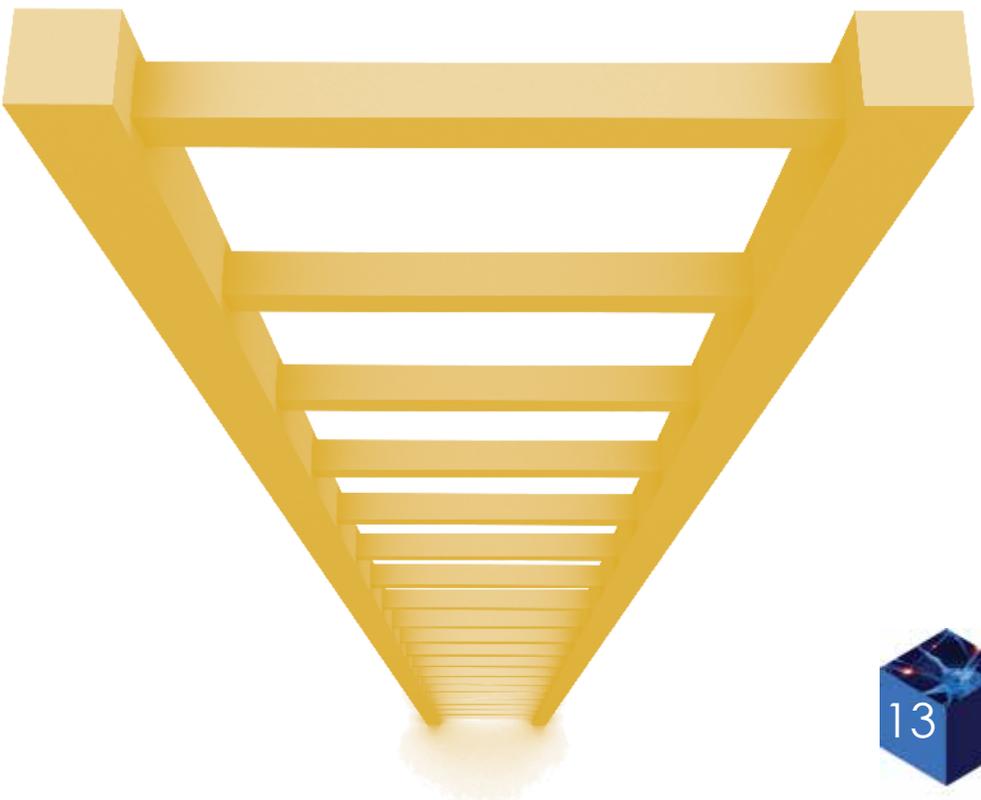
Editor: Kurt H. Albertine, Ph.D.

200 Published articles

Acceptance rate: 69%

Top Downloaded Article:

“Ancient human bone microstructure in Medieval England: Comparisons between two socio-economic groups”



AWARDS & GRANTS

Our award winners hail from various backgrounds, but all have the same thing in common: they've strived to improve themselves, their careers, and the profession of anatomy.

\$303,039

compared to \$228,808 in 2014.

Total amount awarded

271

Members supported through Awards and Grants:

SCHOLARSHIPS, GRANTS, AND TRAINING OPPORTUNITIES

A partial list of 2015 Award winners

Education Research Scholarship, supported by Lippincott Williams Wilkins

- Guenevere Rae, M.S., Louisiana State University Health Sciences Center

Outreach Grants

Research Meeting

- Tamara Franz-Odenaal, Ph.D., Mount Saint Vincent University
3rd Annual Developmental Biology Symposium
- Diane Kelly, Ph.D., University of Massachusetts
Building an Extravagant Toolbox: The Morphological Diversity
- Sally Moody, Ph.D., George Washington University
Neural Crest and Cranial Placodes Gordon Research Conference
- Guojun Sheng, Ph.D., Kumamoto University
The International Meeting on Epithelial-Mesenchymal Transition
- Heather Young, Ph.D., University of Melbourne
Development of the Enteric Nervous System: Cells, Signals, Genes and Therapies

Education

- William Brooks, Ph.D., University of Alabama at Birmingham
GATE: Gross Dissection of the Back and Upper Limb for Teacher Education
- Jennifer Hayes, Ph.D., University of Melbourne
Anatomy Workshops for Health Science Students in Phnom
- Geoffrey Guttman, Ph.D., University of North Texas Health Science Center
TABS - Texas Academy of Biomedical Sciences - Anatomy Enrichment Program for Fort Worth ISD 8th/9th grade students
- Maureen Stabio, Ph.D., University of Colorado School of Medicine
Anatomy Education Day and Brain Awareness Week 2016

Postdoctoral Fellowships

- Daisuke Chihara, Ph.D., Icahn School of Medicine at Mount Sinai
- Dan Georgess, Ph.D., Johns Hopkins School of Medicine
- Julia Molnar, Ph.D., Howard University

Short-term Visiting Scholarships

- Judith Alawa, Ph.D., Ahmadu Bello University Zaria
- Heather Evans-Anderson, Ph.D., Winthrop University
- Adam Hartstone-Rose, Ph.D., University of South Carolina, School of Medicine
- Katie Heffernan, M.S., Northern Illinois University
- Nirusha Lachman, Ph.D., Mayo Clinic College of Medicine
- David Mills, Ph.D., Louisiana Tech University
- Julia Molnar, Ph.D., Howard University
- Muhammad Musa, Usmanu Danfodiyo University, Sokoto
- Isaac Pratt, M.Sc., University of Saskatchewan
- Heidi Schutz, Ph.D., Pacific Lutheran University
- Anne Titelbaum, Ph.D., University of Arizona College of Medicine-Phoenix
- Alexandra Wink, M.S., Boston University School of Medicine

Keith and Marion Moore Young Anatomists' Publication Award

- Joseph Campanale, Ph.D., University of California San Diego
"Migration of Sea Urchin Primordial Germ Cells", *Developmental Dynamics*, 243 (7): 917-927

Service Awards

A.J. Ladman Exemplary Service Award supported by Wiley

- Kathryn Jones, Ph.D., Indiana University School of Medicine

Henry Gray Distinguished Educator Award supported by Elsevier

- Arthur Dalley, Ph.D., Vanderbilt University School of Medicine

Henry Gray Scientific Achievement Award supported by Lippincott Williams Wilkins

- David Burr, Ph.D., Indiana University School of Medicine

Young Investigator Awards

- *R.R. Bensley Award for Cell Biology*
Bungo Akiyoshi, Ph.D., University of Oxford
- *Charles Judson Herrick Award for Neuroanatomy*
Feng Zhang, Ph.D., Massachusetts Institute of Technology
- *Morphological Sciences Award*
Richard Daneman, Ph.D., University of California at San Diego
- *Harland Winfield Mossman Developmental Biologists Award*
Dirk Hockemeyer, Ph.D., University of California, Berkeley

Basmajian Award

- Maria Serrat, Ph.D., Marshall University

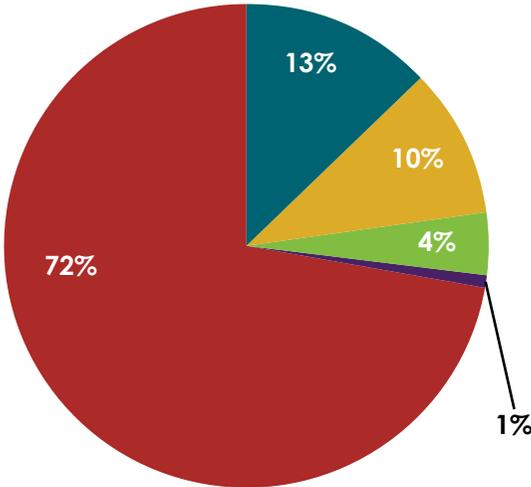
AAA Fellows

- David Birk, Ph.D., University of South Florida
- David Bolender, Ph.D., Medical College of Wisconsin
- Philip Brauer, Ph.D., Creighton University School of Medicine
- John Clark, Ph.D., University of Washington
- Brian Hall, Ph.D., Dalhousie University
- Robert Klein, Ph.D., University of Kansas Medical Center
- Kersti Linask, Ph.D., University of South Florida
- Gina Schatteman, Ph.D., University of Iowa

FINANCIALS

AAA remains financially healthy as well as committed to supporting its membership by reinvesting in programs and services that strengthen the Association’s mission and strategic goals. These pie charts provide a snapshot of where the Association generates its revenue as well as a breakout of primary expense categories.

2015 Revenue



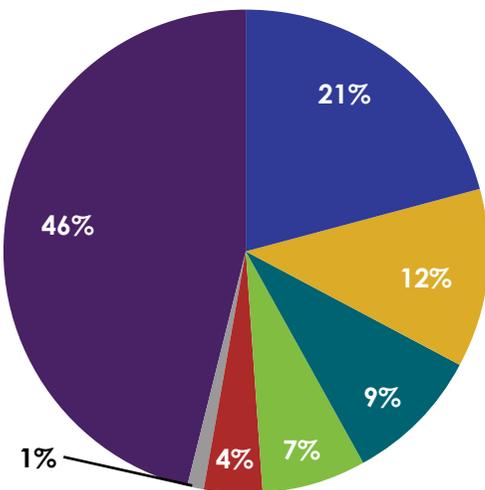
Royalty Income: revenue earned from journal subscriptions to *Anatomical Sciences Education*, *Developmental Dynamics*, and *The Anatomical Record*

Contributions: revenue received from member donations, meeting and awards sponsorships

Advertising: revenue generated from online job postings to the job listings web page

- 72% Royalties ■ 13% Annual & Regional Meetings
- 10% Membership Dues ■ 4% Contributions ■ 1% Advertising

2015 Expenses



General and Administrative: expenses related to accounting and auditing fees; bank and credit card fees; computer and IT service expenses; rent; insurance; office supplies; staff salaries and benefits; payroll and human resources expenses; and consulting fees

- 46% General & Administrative ■ 21% Annual & Regional Meetings
- 12% Awards ■ 9% Committees & Governance
- 7% Newsletter & Journals ■ 4% Member Retention & Development
- 1% Website

STRATEGIC PLAN

In November of 2013, the Board of Directors formally approved and adopted an organizational strategic plan.

The creation of the strategic plan followed a well thought out process which included the Board of Directors, Committee leaders, journal editors, and representatives from the American Society for Cell Biology (ASCB) and the Society for Developmental Biology (SDB).

The plan serves as our road map to help focus our efforts to ensure AAA's relevancy in a rapidly changing environment.

Strategic Plan Goals

- A.** Transform the perception of AAA and the discipline of anatomy
- B.** Lead in innovative, high impact biological and biomedical research
- C.** Lead the world as the premier source for information about the field of anatomical sciences
- D.** Maximize member engagement
- E.** Ensure financial sustainability

