In 2017, the American Association of Anatomists, like many other societies, non-profits, and community organizations had begun to look more closely at our advocacy efforts on behalf of our members and the disciplines of anatomical sciences and research funding.

Through our partnership with the Federation of American Societies for Experimental Biology (FASEB) we advocate on behalf of our members interests to Congress as it relates to issues that affect the scientific enterprise such as research funding and protections of biomedical education.

In the upcoming pages you will learn about our commitment to science advocacy, communication, and diversity. As always, please reach out to us in the National Office, or to your leadership representative to provide feedback on your Association.

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 130,000 researchers from around the world.
Q&A WITH AAA’S PRESIDENT:

In 2017, AAA became more involved in science funding. Why is it important for members to advocate on their own behalf as it relates to science funding and support?

AAA became more involved in advocacy this past year as highlighted in this year’s, Year In Review. But as an individual, it is vital members advocate on their own behalf and play an active role in influencing decisions impacting their research and educational activities. Advocacy begins at your home institution and from there begins to expand into the local, state, and national level. There is a need for scientific literacy and by educating the public regarding scientific research, you can contribute to this literacy. If the public doesn’t understand the basics, how can they be expected to comprehend the policies made by lawmakers and the impact these policies have on scientific progress and their quality of life? While organizations representing groups of scientists and educators can advocate for funding and support, nothing replaces the impact of individuals (one organization representing a 1000 members advocating for science versus a 1000 individuals making calls and sending letters and emails). Be proactive by contacting your legislators and in responding to alerts issued by scientific organizations. AAA can provide the information and ideas on how to go about advocating for your own scientific research.

Looking into the future for 2018 and beyond, how is AAA leading the way for science communication?

Increasing AAA’s presence in science communication is a goal in our new strategic plan. Identifying and supporting champions of science that engage the public and popularize anatomical sciences is an area we plan to pursue. Developing and implementing science communication workshops is one way we will help our members be better equipped to engage with the public, policy makers, and other scientists. We have recently sponsored such programs through our Innovations Program, including Science Communication Bootcamp, Anatomy for Every Body, and the “I Am Anatomy” programs. Our journals provide another avenue by which AAA is leading in science communication. Our journal editors are constantly finding innovative ways to deliver new knowledge to the scientific community, a prime example being The Anatomical Record’s WOW series of publications. Finally, we will actively pursue collaborations with other scientific organizations aimed at improving science communication and literacy to the public and instilling curiosity.

Member Sylvia Smith, and colleagues, meet with Congressman John Lewis.
2017 Timeline

January
- AAA participates in ASAPBio town hall on preprints in the life sciences and the development of a next-generation preprint ecosystem.

February
- AAA once again participates in FASEB Hill Day, sending three members and staff to the Hill in the biggest event to date, that included representatives from 28 states and visits to 113 Congressional offices.

March
- Paul Trainor, Ph.D. announced as the new Editor-in-Chief of Developmental Dynamics journal.

April
- Virtual Microscopy Database launches: EB attendance high at first ever Chicago annual meeting.
- Joint AAA Anatomical Society meeting in Galway, Ireland.

May
- AAA takes part in the FASEB Postdoctoral Preparation Institute to learn how to support postdoc, student, and early-career members.

June
- AAA takes part in the FASEB Postdoctoral Preparation Institute to learn how to support postdoc, student, and early-career members.

July
- Anatomy Education Research Institute, funded by an Innovations Program grant, is held in Bloomington, Indiana.

August
- Strategic Planning Retreat held to plan the next strategic vision of the Association.

September
- I Am Anatomy contest launches.

October
- Fall Regional meeting held November 4th in Pittsburgh, PA at Duquesne University drawing 123 attendees.

November
- Virtual Meeting for Members held.

December
- Virtual Meeting for Members held.
- Joint AAA-Anatomical Society meeting in Galway, Ireland.
- Anatomy Education Research Institute, funded by an Innovations Program grant, is held in Bloomington, Indiana.
- Strategic Planning Retreat held to plan the next strategic vision of the Association.
- I Am Anatomy contest launches.
- Fall Regional meeting held November 4th in Pittsburgh, PA at Duquesne University drawing 123 attendees.
- Virtual Meeting for Members held.
What is your role as a representative to the Science Policy Committee?
My role is to participate in discussions of federal, state, and if necessary local, Science Policy issues as a regular member of the SPC. I advocate on behalf of the AAA by bringing my experiences as a scientist and educator to these discussions. Anatomists at both the gross and microscopic level deal with issues unique among FASEB societies and it is my role to ensure these issues are considered in broader policy discussions. For example, few gross anatomists have concerns surrounding shared wet laboratory resources as few others make use of cadaver lab and cadaveric remains, however, this is critical for microscopic anatomists at academic centers of varying sizes. Additionally, concerns regarding changes to instruction of evolutionary principles and ethics of the use of biological specimens may seem to impact microscopic anatomists less while they are critical for gross anatomists and anatomy educators.

What does FASEB do to help support science?
FASEB helps to support science in many ways including: monitoring changes to science policy at all levels of government across the nation and internationally, advising government on possible effects of proposed changes, establishing a dialogue between scientists and the leaders of the federal funding organizations, keeping the member societies aware of the direction federal funding bodies want to guide research interests, and more recently collaborating with the Public Affairs arm to enable scientists to more effectively act on their own behalf to advocate for continued excellence and rigor in science.

Why did you want to be the representative for this committee?
What drew me most to this committee is the chance to be involved in initiatives that can impact as many members of AAA as possible and to help craft policy to guide not only the current generation of scientists, but future generations as well.

How was your experience at Hill Day last year?
Being a part of Hill Day was a truly exceptional and humbling experience. I have a new respect for the members of Congress, and their staffs in particular, in their knowledge and expertise in facing myriad issues relating to science and so much else. To see the inner workings of government is a double-edged sword though. While I was impressed with the breadth of knowledge our Congress people tackle, I was routinely confronted with the amount of directions in which these individuals are pulled and the struggle for a group, even as large as FASEB, to contend with the interests of larger more well-funded organizations. I came away appreciating the role of local governments far more than I thought I would after experiencing the federal government in action.
In 2017 AAA signed on to the following multi-society backed letters:

- AAMC Sign-on letter on urging legislative remedy for health professionals with Deferred Action for Childhood Arrivals (DACA) status (December 2017)
- Friends of the Department of Veterans Affairs (FOVA) sign-on letter to House Appropriations Committee urging leadership to support specific funding requests for the Medical and Prosthetic Research Program in FY 2018 appropriations package (November 2017)
- Public access to scholarly communication legislation (FASTR) letter organized by the International Association of Scientific, Technical & Medical Publishers (STM) and the Association of American Publishers (AAP) (November 2017)
- AAAS Letter opposing immigration and visa policy proclamation issued by White House Administration. Letter urged that such extreme vetting has implications for diplomatic, humanitarian, and national security interests, in part because it weakens our U.S. science and engineering capacity (October 2017)
- AAMC sign-on letter in opposition to prohibitions or restrictions that would further impede the use of federal funding for fetal tissue or embryonic stem cell research (September 2017)
- AAMC sign-on letter in opposition to Administration’s proposal to cut $7.2 billion, or 21 percent, from National Institutes of Health (NIH) budget in fiscal year (FY) 2018, including the proposal to drastically reduce NIH support for facilities and administrative (F&A) expenses (also referred to as “indirect costs”) for physical infrastructure and other essential research costs (July 2017)
- AAAS sign-on letter urging increase in NIH FY 2018 budget by $2 billion above FY 2017 amounts (May 2017)
- AAAS letter to increase federal funding support of scientific research and development when completing FY 2017 appropriations (April 2017)

In addition to letters that AAA individually signs on to, FASEB drafts and delivers letters to Congressional leaders urging action on topics related to research funding and science policy. As a member of FASEB, AAAs members have a voice in these issues.

Below is a small subset of the letters and actions FASEB signed onto on behalf of its member societies in 2017.

- Capitol Hill Day—representatives from the 31 FASEB societies and others visit Congressional offices to ask for sustained, predictable increases to federal biomedical funding for agencies such as NIH, NSF, and the VA. In 2017, Hill Day had 55 participants and meetings with 112 congressional offices. AAA representatives were David Burr, Ph.D., Indiana University School of Medicine, Jason Mussell, Ph.D., Louisiana State University, and Sylvia Smith, Ph.D., Augusta University
- FASEB issued a statement opposing House proposal to fully fund defense spending with no relief for non-defense agencies (December 2017)
- FASEB issued an e-Action alert on tuition tax waivers and the tax legislation (December 5). In the first three days, the alert generated 22,453 messages from 7,150 individuals. They reached all 100 Senate offices and 434 House offices (December 2017)
- FASEB issued a statement opposing the proposed elimination of the tuition tax waiver for graduate students (November 9). It was later cited in a press release by Democratic Whip Steny Hoyer (November 2017)
- FASEB signed onto Coalition for Health Funding letter on FY 2018 DOH allocation for Departments of Labor, Health and Human Services, and Education and Related Agencies appropriations bill (May 2017)
- FASEB signed onto Energy Sciences Coalition letter on FY 2017 appropriations (March 2017)
- FASEB signed onto Coalition for National Science Funding letter in support of $8 billion for NSF in FY 2018 (March 2017)
- FASEB Capitol Hill video and FASEB Advocacy video released (July 2017)
- FASEB signed onto ResearchAmerica’s letter urging Congress to raise the FY 2018 budget caps (June 2017)
- FASEB created an Experimental Biology advocacy flyer for ASPET, ASN, and AAA (April 2017)
- FASEB created an e-Action alert for Experimental Biology societies use on the day of the March for Science (April 2017)
We are ... firmly committed to welcoming, developing and maintaining a broad representation of individuals who value science and education, regardless of race, ethnicity, religion, national origin, mental or physical ability, age, gender identity or expression, or sexual orientation. In pursuit of advancing the anatomical sciences, we promote the values of equity, diversity, and inclusion.

Additional information about Diversity and Inclusion within AAA is available on our website www.anatomy.org/diversity.
Reprogramming human cells, scientists have created new opportunities to study diseases and develop methods for diagnosis and therapy. More than 40 years later, Yamanaka discovers how intact mature cells in mice can be reprogrammed to become immature stem cells. Surprisingly, by introducing only a few genes, Yamanaka can reprogram mature cells to become pluripotent stem cells, i.e., immature cells capable of developing into all types of cells in the body.

Together, these groundbreaking discoveries have completely changed our understanding of cell development and specialization. The mature cell does not have to be confined forever to its specialized state. By reprogramming human cells, scientists have created new opportunities to study diseases and develop methods for diagnosis and therapy. "Discovery of a sensory organ that coordinates lunge-feeding in rorqual whales." This article, appearing in the May 24, 2012 issue of Nature, solves the mystery of the dramatic changes and adjustments needed in rorqual whales. "Discovery of a sensory organ that coordinates lunge-feeding in rorqual whales."

"Discovery of a sensory organ that coordinates lunge-feeding in rorqual whales."

"Discovery of a sensory organ that coordinates lunge-feeding in rorqual whales."
John A. Grubbs and Kira Leininger present an award to R. E. Shadwick in 2012 Nobel Prize in Physiology or Medicine with John Gurdon and Shinya Yamanaka. In 2012, Shadwick, R. L. Drake, and R. E. Shadwick discover a sensory organ in the chin of the rat in the field of curious exploration and achievement, something that embryology and developmental biology studies are interested in. They integrate findings from various areas of anatomy, developmental biology, and genetic studies to come to conclusions that the specialized jaw muscles have been co-opted by the body to function as sensory organs.

Together, these groundbreaking discoveries have completely changed the understanding of development and specialization. The mouth does not function to the combined sensory and mechanical role. By reprogramming human cells, scientists have created new opportunities capable of developing into all types of cells in the body.

Discovery that mature cells can be reprogrammed shows the specialization of cells is reversible. In a classic experiment, researchers show the specialization of cells is reversible. In 1962, Gurdon and colleagues removed the nucleus from an egg cell of a newt fish and put a nucleus from a non-feeding larval cell. This new larval cell functioned normally, demonstrating that the DNA of the mature cell has the ability to re-program itself to give rise to all new cells. More than 40 years later, scientists discover how intact mature cells can be reprogrammed to become immature cells. Loss of maturation is called reprogramming, and the ability to reprogram mature cells to become pluripotent cells, i.e., immature cells capable of developing into any type of cells.

Professor Robert Stemman in 2019, with his research on discovering the plasticity of cells, shows that the specialization of the cells does not have to be confined forever to its specialized state. By reprogramming human cells, scientists have created new opportunities capable of developing into all types of cells in the body.

Together, these groundbreaking discoveries have completely changed the understanding of development and specialization. The mouth does not function to the combined sensory and mechanical role. By reprogramming human cells, scientists have created new opportunities capable of developing into all types of cells in the body.

In 1962, Gurdon and colleagues removed the nucleus from an egg cell of a newt fish and put a nucleus from a non-feeding larval cell. This new larval cell functioned normally, demonstrating that the DNA of the mature cell has the ability to re-program itself to give rise to all new cells. More than 40 years later, scientists discover how intact mature cells can be reprogrammed to become immature cells. Loss of maturation is called reprogramming, and the ability to reprogram mature cells to become pluripotent cells, i.e., immature cells capable of developing into any type of cells.

Professor Robert Stemman in 2019, with his research on discovering the plasticity of cells, shows that the specialization of the cells does not have to be confined forever to its specialized state. By reprogramming human cells, scientists have created new opportunities capable of developing into all types of cells in the body.
Numbers

2,139 Members across 57 countries
502 New Members joined in 2017
Postdoc and Student members in 2017: 32% of total membership
$300,000+ in Awards
41% are Women

Countries with the most members:

#1 United States
#2 Canada
#3 United Kingdom
#4 Australia
#5 Japan
#6 Brazil

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.

2017 INCOME

72% Royalties
14% Annual & Regional Meetings
9% Membership Dues
4% Contributions
1% Advertising

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

2017 EXPENSES

47% General & Administrative
20% Annual & Regional Meetings
12% Awards
11% Committees & Governance
4% Newsletter & Journals
4% Member Retention & Development
2% Website

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

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

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

Countries with the most members:

#1 United States
#2 Canada
#3 United Kingdom
#4 Australia
#5 Japan
#6 Brazil
Can you provide a little bit of background about your career/academic track so far?

There are three things that I am passionate about — art, animals and anatomy. Even as a small child I would pass up Goodnight Moon and The Very Hungry Caterpillar for books like How Your Body Works or pretty much anything with a picture of a horse or some sort of anatomical image. I was constantly drawing and trying to figure out how the skeleton and muscles were all put together to make what we see on the outside.

How Your Body Works

Small child I would pass up

The Very Hungry Caterpillar

There are three things that I am passionate about — art, animals and anatomy. Even as a small child I would pass up Goodnight Moon and The Very Hungry Caterpillar for books like How Your Body Works or pretty much anything with a picture of a horse or some sort of anatomical image. I was constantly drawing and trying to figure out how the skeleton and muscles were all put together to make what we see on the outside. 

When it came time to decide on a major for college, I decided veterinary medicine and the Biomedical Sciences major at Texas A&M University was the best option. It only took one semester for me to discover that, while I loved science, I was simply not happy without some sort of creative outlet.

In my junior year, I took biomedical anatomy as part of my degree program. I walked into the class more excited than I ever imagined I would be to sit in a lecture hall or lab. I was eager to have a formal setting to study anatomy and a chance to use my hands and my visualization skills in a science course. When studying the osteology of the foot I painted a pair of shoes with the bones of the foot. Each bone was a different color and the shoes glowed in the dark. I was so excited about the shoes that, when the professor for the class walked in, (fellow AAA member Dr. Michelle Pine), I stuck my feet out and said "Dr. Pine! Look what I made!" At this time, Dr. Pine was working on flipping her course and coming up with ways to make the class more engaging. When she saw my shoes, she knew that I had the kind of mind that would be perfect for helping her create the kind of teaching tools she was looking for! As soon as we started talking about how I studied and how she would like to teach, we realized we made the perfect team!

I was fortunate to land an internship at Texas A&M University where I was introduced to the College of Veterinary Medicine and Biomedical Sciences in Physiology and Developmental Biology, which I am doing currently. The research that I am doing is on innovative tools for learning the anatomical sciences. It seems as if, in some programs, the inherent tactile and kinetic nature of anatomy has been lost to the expediency of lectures and textbooks. It is my goal to integrate my knowledge of technology, skill as an artist, and passion for anatomical science education to create innovative tools that minimize the cognitive load for students and maximize comprehension. This is a multi-dimensional undertaking as I must first determine what types of learners I am dealing with — how they learn best, where their misunderstandings are and what abilities they already possess. Further, materials for educational tools should be durable, reusable and inexpensive. Finally, information presented must be accurate, but clear and focused to avoid confusion and misconceptions.

What type of research are you currently studying?

The research that I am doing is on innovative tools for learning the anatomical sciences. It seems as if, in some programs, the inherent tactile and kinetic nature of anatomy has been lost to the expediency of lectures and textbooks. It is my goal to integrate my knowledge of technology, skill as an artist, and passion for anatomical science education to create innovative tools that minimize the cognitive load for students and maximize comprehension. This is a multi-dimensional undertaking as I must first determine what types of learners I am dealing with — how they learn best, where their misunderstandings are and what abilities they already possess. Further, materials for educational tools should be durable, reusable and inexpensive. Finally, information presented must be accurate, but clear and focused to avoid confusion and misconceptions.

What's next for you after graduation? What type of career are you interested in?

After graduation, the goal is to become a professor at a university teaching anatomical sciences at the undergraduate, graduate and/or professional level. I would like to continue researching new and innovative ways to present information and allow students practice with the material.

What type of research are you currently studying?

The research that I am doing is on innovative tools for learning the anatomical sciences. It seems as if, in some programs, the inherent tactile and kinetic nature of anatomy has been lost to the expediency of lectures and textbooks. It is my goal to integrate my knowledge of technology, skill as an artist, and passion for anatomical science education to create innovative tools that minimize the cognitive load for students and maximize comprehension. This is a multi-dimensional undertaking as I must first determine what types of learners I am dealing with — how they learn best, where their misunderstandings are and what abilities they already possess. Further, materials for educational tools should be durable, reusable and inexpensive. Finally, information presented must be accurate, but clear and focused to avoid confusion and misconceptions.

Why did you join AAA and how has it helped you in your path?

My mentor, Dr. Michelle Pine, was the treasurer for the American Association of Veterinary Anatomists (AAVA). It was through this organization that I was introduced to AAA. I was extremely excited to discover that there was an entire community of academics who were just as enthusiastic about anatomy as I was. Being a part of AAA has been incredibly impactful on my path and my research. Talking to anatomists, especially educators in the anatomical sciences, from around the nation has helped me to refine my techniques and has provided me with numerous invaluable resources. (For example, at my very first regional meeting I was a timid and nervous master’s student presenting a poster about a project I had started as an undergraduate student. I went on to win a poster award for that poster, and another at my next regional meeting. What’s next for you after graduation? What type of career are you interested in?)

After graduation, the goal is to become a professor at a university teaching anatomical sciences at the undergraduate, graduate and/or professional level. I would like to continue researching new and innovative ways to present information and allow students practice with the material.

What type of research are you currently studying?

The research that I am doing is on innovative tools for learning the anatomical sciences. It seems as if, in some programs, the inherent tactile and kinetic nature of anatomy has been lost to the expediency of lectures and textbooks. It is my goal to integrate my knowledge of technology, skill as an artist, and passion for anatomical science education to create innovative tools that minimize the cognitive load for students and maximize comprehension. This is a multi-dimensional undertaking as I must first determine what types of learners I am dealing with — how they learn best, where their misunderstandings are and what abilities they already possess. Further, materials for educational tools should be durable, reusable and inexpensive. Finally, information presented must be accurate, but clear and focused to avoid confusion and misconceptions.

What's next for you after graduation? What type of career are you interested in?

After graduation, the goal is to become a professor at a university teaching anatomical sciences at the undergraduate, graduate and/or professional level. I would like to continue researching new and innovative ways to present information and allow students practice with the material.

What type of research are you currently studying?

The research that I am doing is on innovative tools for learning the anatomical sciences. It seems as if, in some programs, the inherent tactile and kinetic nature of anatomy has been lost to the expediency of lectures and textbooks. It is my goal to integrate my knowledge of technology, skill as an artist, and passion for anatomical science education to create innovative tools that minimize the cognitive load for students and maximize comprehension. This is a multi-dimensional undertaking as I must first determine what types of learners I am dealing with — how they learn best, where their misunderstandings are and what abilities they already possess. Further, materials for educational tools should be durable, reusable and inexpensive. Finally, information presented must be accurate, but clear and focused to avoid confusion and misconceptions.
Member Benefits

Membership in the American Association of Anatomists is open to students, postdoctoral trainees, faculty, and scientists engaged in teaching or investigation of anatomical or related sciences. Graduates, undergraduates, and medical students are encouraged to join early in their education to gain from the vast network of like-minded individuals in the Association.

Special membership categories exist for emeritus faculty and members associated with either the Human Anatomy and Physiology Society or the National Postdoctoral Association, or for those who may not fit into a current member category, but who work in a related discipline.

Anatomy Connected

Anatomy Connected is an exclusive value-added online community where members from around the world can post and respond to questions in real time, day or night. With the ability to reach all the members of the Association, Anatomy Connected is a resource for answers to common questions about teaching, administrative issues, or scientific policy questions. Members have free access to this discussion portal.

Scholarly Journals

The Association offers three scholarly journals: Anatomical Sciences Education, Developmental Dynamics, and The Anatomical Record, published through Wiley. Each offers a different look at the anatomical sciences field and supports the dissemination of high-quality, peer-reviewed research.

Grow your own research portfolio by submitting to one of our three journals. Each offers no page charges or color figure charges, and a fast, fair, friendly, and free peer review and author support.

Anatomical Sciences Education

Editor: Wojciech Pawlina, M.D.
Acceptance Rate: 34%
Top Downloaded Article in 2017: The integration of an anatomy massive open online course (MOOC) into a medical anatomy curriculum

Developmental Dynamics

Editor: Paul Trainor, Ph.D.
Acceptance Rate: 62%
Top Downloaded Article in 2017: Achondroplasia: Development, pathogenesis, and therapy

The Anatomical Record

Editor: Kurt H. Albertine, Ph.D.
Acceptance Rate: 57%
Top Downloaded Article in 2017: Evolution of the Human Pelvis
Award Winners

Congratulations to our award recipients from 2017. Thank you for your work, service, and commitment to the discipline of anatomy.

Members supported through awards and grants (including travel awards): 268

Total amount awarded: $374,072

Fellows Grant Award Program
Rebecca Hartley, Ph.D., University of New Mexico, School of Medicine
Anthony Huang, Ph.D., Southern Illinois University, School of Medicine
Jonathan Perry, Ph.D., Johns Hopkins University, School of Medicine

Innovations Program
Anatomy for Every Body, an Outreach Program
Co-Principal Investigators: Jason Musell, Ph.D., Louisiana State University, School of Medicine and Adam Sylvester, Ph.D., Johns Hopkins School of Medicine

I Am Anatomy, Raising Awareness of Transforming Perceptions by Promoting Professional Diversity
Co-Principal Investigators: Brent Thompson, Ph.D., Oakland University William Beaumont School of Medicine and Joshua W. Little, D.C., Ph.D. (Co-PI), Saint Louis University School of Medicine and Christina Lewis, Ph.D. (Co-PI), Samuel Merritt University, on behalf of the Membership Committee

Outreach Grants
David Buz, Ph.D., Indiana University School of Medicine Orthopaedic Research Society, International Musculoskeletal Workshop at Sun Valley
Michael Granatsky, Ph.D., University of Chicago, South Side Anatomical Education
Angelo Iulianella, Ph.D., Dalhousie University
Atlantic Canadian Regional Developmental Biology Symposium

Fellows
Paul Dechow, Ph.D., Texas A&M Health Science Center
Beverley Kramer, Ph.D., University of the Witwatersrand, Johannesburg
Joseph LaManna, Ph.D., Case Western Reserve University
Michael Lehman, Ph.D., University of Mississippi Medical Center

Fellows Grant Award Program
Donald McDonald, M.D., Ph.D., University California, San Francisco
Rick Summer, Ph.D., Rush University Medical Center

Young Investigator Awards
C.J. Merril Award in Neuroanatomy
Florian Merkle, Ph.D., University of Cambridge

H.W. Moseman Award in Developmental Biology
Maria Bama, Ph.D., Stanford University

Morphological Sciences Award
Shigeki Watanabe, Ph.D., Johns Hopkins University

R.R. Bemlay Award in Cell Biology
Gloria Brz, Ph.D., University of California, Berkeley

Scholarships, Grants, and Training Opportunities
Anatomy Training Program Participants
Martine Dunnwald, Ph.D., University of Iowa Carver College of Medicine
Krysta Rompolski Taney, Drexel University
Jack Mayhew, University of Iowa Carver College of Medicine

Education Research Scholarship
Colin Moore, The University of Western Ontario

Postdoctoral Fellowships
Alice Accorsi, Ph.D., University of Mississippi
Karrin Jones, Ph.D., Harvard University
Aleisha Moore, Ph.D., Stowers Institute for Medical Research

Short-term Visiting Scholarship
Diane Chico, Ph.D., Texas A&M College of Medicine
Habiba Chichir, Ph.D., Marshall University
Kenneth "Bo" Foreman, Ph.D., PT, University of Utah
Diane Kelly, Ph.D., University of Massachusetts
Michelle Lazaurus, Ph.D., Monash University
Christina Nicholas, Ph.D., University of Illinois at Urbana-Champaign
Dara Orbach, Ph.D., Dalhousie University
Maureen Stabio, Ph.D., University of Colorado School of Medicine

Innovations Program
Anatomy for Every Body, an Outreach Program
Co-Principal Investigators: Jason Musell, Ph.D., Louisiana State University, School of Medicine and Adam Sylvester, Ph.D., Johns Hopkins School of Medicine

I Am Anatomy, Raising Awareness of Transforming Perceptions by Promoting Professional Diversity
Co-Principal Investigators: Brent Thompson, Ph.D., Oakland University William Beaumont School of Medicine and Joshua W. Little, D.C., Ph.D. (Co-PI), Saint Louis University School of Medicine and Christina Lewis, Ph.D. (Co-PI), Samuel Merritt University, on behalf of the Membership Committee

Outreach Grants
David Buz, Ph.D., Indiana University School of Medicine Orthopaedic Research Society, International Musculoskeletal Workshop at Sun Valley
Michael Granatsky, Ph.D., University of Chicago, South Side Anatomical Education
Angelo Iulianella, Ph.D., Dalhousie University
Atlantic Canadian Regional Developmental Biology Symposium

Fellows
Paul Dechow, Ph.D., Texas A&M Health Science Center
Beverley Kramer, Ph.D., University of the Witwatersrand, Johannesburg
Joseph LaManna, Ph.D., Case Western Reserve University
Michael Lehman, Ph.D., University of Mississippi Medical Center

Fellows Grant Award Program
Donald McDonald, M.D., Ph.D., University California, San Francisco
Rick Summer, Ph.D., Rush University Medical Center

Young Investigator Awards
C.J. Merril Award in Neuroanatomy
Florian Merkle, Ph.D., University of Cambridge

H.W. Moseman Award in Developmental Biology
Maria Bama, Ph.D., Stanford University

Morphological Sciences Award
Shigeki Watanabe, Ph.D., Johns Hopkins University

R.R. Bemlay Award in Cell Biology
Gloria Brz, Ph.D., University of California, Berkeley

Scholarships, Grants, and Training Opportunities
Anatomy Training Program Participants
Martine Dunnwald, Ph.D., University of Iowa Carver College of Medicine
Krysta Rompolski Taney, Drexel University
Jack Mayhew, University of Iowa Carver College of Medicine

Education Research Scholarship
Colin Moore, The University of Western Ontario

Postdoctoral Fellowships
Alice Accorsi, Ph.D., University of Mississippi
Karrin Jones, Ph.D., Harvard University
Aleisha Moore, Ph.D., Stowers Institute for Medical Research

Short-term Visiting Scholarship
Diane Chico, Ph.D., Texas A&M College of Medicine
Habiba Chichir, Ph.D., Marshall University
Kenneth "Bo" Foreman, Ph.D., PT, University of Utah
Diane Kelly, Ph.D., University of Massachusetts
Michelle Lazaurus, Ph.D., Monash University
Christina Nicholas, Ph.D., University of Illinois at Urbana-Champaign
Dara Orbach, Ph.D., Dalhousie University
Maureen Stabio, Ph.D., University of Colorado School of Medicine

Award Winners

Congratulations to our award recipients from 2017. Thank you for your work, service, and commitment to the discipline of anatomy.

Members supported through awards and grants (including travel awards): 268

Total amount awarded: $374,072

Fellows
Paul Dechow, Ph.D., Texas A&M Health Science Center
Beverley Kramer, Ph.D., University of the Witwatersrand, Johannesburg
Joseph LaManna, Ph.D., Case Western Reserve University
Michael Lehman, Ph.D., University of Mississippi Medical Center

Fellows Grant Award Program
Donald McDonald, M.D., Ph.D., University California, San Francisco
Rick Summer, Ph.D., Rush University Medical Center

Young Investigator Awards
C.J. Merril Award in Neuroanatomy
Florian Merkle, Ph.D., University of Cambridge

H.W. Moseman Award in Developmental Biology
Maria Bama, Ph.D., Stanford University

Morphological Sciences Award
Shigeki Watanabe, Ph.D., Johns Hopkins University

R.R. Bemlay Award in Cell Biology
Gloria Brz, Ph.D., University of California, Berkeley

Scholarships, Grants, and Training Opportunities
Anatomy Training Program Participants
Martine Dunnwald, Ph.D., University of Iowa Carver College of Medicine
Krysta Rompolski Taney, Drexel University
Jack Mayhew, University of Iowa Carver College of Medicine

Education Research Scholarship
Colin Moore, The University of Western Ontario

Postdoctoral Fellowships
Alice Accorsi, Ph.D., University of Mississippi
Karrin Jones, Ph.D., Harvard University
Aleisha Moore, Ph.D., Stowers Institute for Medical Research

Short-term Visiting Scholarship
Diane Chico, Ph.D., Texas A&M College of Medicine
Habiba Chichir, Ph.D., Marshall University
Kenneth "Bo" Foreman, Ph.D., PT, University of Utah
Diane Kelly, Ph.D., University of Massachusetts
Michelle Lazaurus, Ph.D., Monash University
Christina Nicholas, Ph.D., University of Illinois at Urbana-Champaign
Dara Orbach, Ph.D., Dalhousie University
Maureen Stabio, Ph.D., University of Colorado School of Medicine
Meetings

Annual Meeting at Experimental Biology (EB) brings together members and non-members for a chance to present their research and take part in educational and professional development sessions and workshops.

With over 1075 anatomists attending, from 37 countries, and approximately 14,000 total attendees from the six societies, there is always a session to attend to meet your needs. Our 2017 program consisted of over 50 sessions, broken down into 65% scientific, 20% education, and 15% professional development topics.

Regional Meeting in Pittsburgh

The 2017 Regional meeting was held in Pittsburgh, Pennsylvania at Duquesne University on November 4, 2017.

The regional meeting drew 123 attendees from 17 states and Canada and brought together a diverse group of faculty, students, clinicians, members, and nonmembers alike. Student posters were eligible for awards, and AAA senior member volunteers adjudicated posters and awarded seven attendees a total of $1,300 for their work.

Our regional meetings offer a more intimate setting for our attendees to network, attend sessions, and take part in hands-on workshops.

Thank you to the Pittsburgh Regional meeting planning committee:

Chair
Anne M. Burrows, Ph.D., Duquesne University

Tim Smith, PhD., Slippery Rock University

Seth Weinberg, Ph.D., University of Pittsburgh

Rebecca German, Ph.D., NEOMED

Jasmien Roosenboom, Ph.D., University of Pittsburgh

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 61 students and postdoctoral trainees competed onsite for poster and platform presentation competition awards. The Committee for Early-Career Anatomists (CECA) judges each presentation and awards prizes of up to $500. In 2017, 19 competition award winners and 206 travel award winners received $62,500 in support of their accomplishments.

Thank you to our Program Committee, responsible for inviting speakers and programming all the oral sessions and posters. Additional thanks to the Committee for Early-Career Anatomists for adjudicating and awarding poster and platform awards, and to the Educational Affairs and Professional Development Committees for providing additional support and planning to the annual meeting.

2017 Program Committee

Brian Allman, Ph.D., The University of Western Ontario

Andras Czirok, Ph.D., University of Kansas Medical Center

Martine Dunnwald, Ph.D., University of Iowa

Casey Holliday, Ph.D., University of Missouri

Kenneth Ekanem, Ph.D., Creighton University

Rebecca Luffner, Ph.D., University of Delaware

Ralph Maruccio, Ph.D., University of California, San Francisco

Margaret McNulty, Ph.D., Indiana University School of Medicine

David Mills, Ph.D., Louisiana Tech University

Lisa Taneyhill, Ph.D., University of Maryland

Robert Tomasek, Ph.D., University of Iowa

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

Regional Meeting in Pittsburgh

The 2017 Regional meeting was held in Pittsburgh, Pennsylvania at Duquesne University on November 4, 2017.

The regional meeting drew 123 attendees from 17 states and Canada and brought together a diverse group of faculty, students, clinicians, members, and nonmembers alike. Student posters were eligible for awards, and AAA senior member volunteers adjudicated posters and awarded seven attendees a total of $1,300 for their work.

Our regional meetings offer a more intimate setting for our attendees to network, attend sessions, and take part in hands-on workshops.

Thank you to the Pittsburgh Regional meeting planning committee:

Chair
Anne M. Burrows, Ph.D., Duquesne University

Tim Smith, PhD., Slippery Rock University

Seth Weinberg, Ph.D., University of Pittsburgh

Rebecca German, Ph.D., NEOMED

Jasmien Roosenboom, Ph.D., University of Pittsburgh

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 61 students and postdoctoral trainees competed onsite for poster and platform presentation competition awards. The Committee for Early-Career Anatomists (CECA) judges each presentation and awards prizes of up to $500. In 2017, 19 competition award winners and 206 travel award winners received $62,500 in support of their accomplishments.

Thank you to our Program Committee, responsible for inviting speakers and programming all the oral sessions and posters. Additional thanks to the Committee for Early-Career Anatomists for adjudicating and awarding poster and platform awards, and to the Educational Affairs and Professional Development Committees for providing additional support and planning to the annual meeting.

2017 Program Committee

Brian Allman, Ph.D., The University of Western Ontario

Andras Czirok, Ph.D., University of Kansas Medical Center

Martine Dunnwald, Ph.D., University of Iowa

Casey Holliday, Ph.D., University of Missouri

Kenneth Ekanem, Ph.D., Creighton University

Rebecca Luffner, Ph.D., University of Delaware

Ralph Maruccio, Ph.D., University of California, San Francisco

Margaret McNulty, Ph.D., Indiana University School of Medicine

David Mills, Ph.D., Louisiana Tech University

Lisa Taneyhill, Ph.D., University of Maryland

Robert Tomasek, Ph.D., University of Iowa

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

Regional Meeting in Pittsburgh

The 2017 Regional meeting was held in Pittsburgh, Pennsylvania at Duquesne University on November 4, 2017.

The regional meeting drew 123 attendees from 17 states and Canada and brought together a diverse group of faculty, students, clinicians, members, and nonmembers alike. Student posters were eligible for awards, and AAA senior member volunteers adjudicated posters and awarded seven attendees a total of $1,300 for their work.

Our regional meetings offer a more intimate setting for our attendees to network, attend sessions, and take part in hands-on workshops.

Thank you to the Pittsburgh Regional meeting planning committee:

Chair
Anne M. Burrows, Ph.D., Duquesne University

Tim Smith, PhD., Slippery Rock University

Seth Weinberg, Ph.D., University of Pittsburgh

Rebecca German, Ph.D., NEOMED

Jasmien Roosenboom, Ph.D., University of Pittsburgh
2017 Board and Committees

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
Philip Brauer, Ph.D.
Kansas City University of Medicine and Biosciences-Joplin

President-Elect
Rick Sumner, Ph.D.
Bush University Medical Center

President Emeritus
Kimberly Topp, P.T., Ph.D.
University of California San Francisco

Secretary-Treasurer
Valerie Burke DeLeon, Ph.D.
University of Florida

Program Co-Chair
Paul Trainor, Ph.D.
Stowers Institute for Medical Research

Program Co-Chair
Martine Dunnwald, Pharm.D., Ph.D.
The University of Iowa

Directors
Julian Gottman, Ph.D.
Simon Fraser University

Anna Ilyakowksi, Ph.D.
University of Illinois at Chicago

Jennifer McBride, Ph.D.
Cleveland Clinic Lerner College of Medicine

Jason Organ, Ph.D.
Indiana University School of Medicine

Rebecca Pratt, Ph.D.
Oakland University William Beaumont School of Medicine

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

Student/Postdoctoral Trainee Directors
Heather Richbourg, Ph.D.
University of California, San Francisco

Sonya Van Nuland, Ph.D.
Mayo Clinic School of Medicine

Committee for Early-Career Anatomists
Committee Chair: Margaret McNulty, Ph.D.
Indiana University School of Medicine

Educational Affairs Committee (EAC)
Committee Chair: Rebecca Luffer, Ph.D.
University of Delaware

Journal Trust Fund & Investment Committee (ITFI)
Committee Chair: Bryan Grove, Ph.D.
University of North Dakota School of Medicine

Membership Committee
Committee Chair: Rinton Thompson, Ph.D.
Lincoln Memorial University

Professional Development Committee
Committee Chair: Doug Gould, Ph.D.
Oakland University William Beaumont School of Medicine

Program Committee
Committee Co-chairs:
Paul Trainor, Ph.D., Stowers Institute for Medical Research
Martine Dunnwald, Pharm.d., Ph.D., The University of Iowa

Publications Committee
Committee Chair: Ken Rogers, Ph.D.
The University of Western Ontario

Scientific Affairs Committee (SAC)
Committee Chair: Katherine Yutzey, Ph.D.
Cincinnati Children's Medical Center

COMMITTEES

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

Committee for Early-Career Anatomists
Committee Chair: Margaret McNulty, Ph.D.
Indiana University School of Medicine

Educational Affairs Committee (EAC)
Committee Chair: Rebecca Luffer, Ph.D.
University of Delaware

Journal Trust Fund & Investment Committee (ITFI)
Committee Chair: Bryan Grove, Ph.D.
University of North Dakota School of Medicine

Membership Committee
Committee Chair: Rinton Thompson, Ph.D.
Lincoln Memorial University

Professional Development Committee
Committee Chair: Doug Gould, Ph.D.
Oakland University William Beaumont School of Medicine

Program Committee
Committee Co-chairs:
Paul Trainor, Ph.D., Stowers Institute for Medical Research
Martine Dunnwald, Pharm.d., Ph.D., The University of Iowa

Publications Committee
Committee Chair: Ken Rogers, Ph.D.
The University of Western Ontario

Scientific Affairs Committee (SAC)
Committee Chair: Katherine Yutzey, Ph.D.
Cincinnati Children's Medical Center
2017 Year in Review