Dear Colleagues,

I hope you are enjoying a wonderful new year! There are so many things to look forward to in the coming months. I am especially excited about our upcoming standalone annual meeting, Anatomy Connected 2023, which will take place March 24-27 in Washington, DC.

We are also looking back to celebrate our achievements in 2022! This Year in Review highlights some of the AAA activities that have benefitted our members and grown our community. As you can see, this has been a year that brought us many changes.

In July, our executive director of nine years, Shawn Boynes, left AAA to lead the American Counseling Association. During his time at AAA, Shawn’s leadership helped build AAA into the supportive community that it is today. We are so grateful for his contributions to AAA and wish him the best at his new endeavor! Christine Ross, previously of the Maryland Chamber of Commerce, joined us to fill the role of AAA executive director. Christine has over 20 years of leadership experience. I am sure she will take AAA in a great direction!

Our annual meeting is important to many of us for teaching, research, professional development, and friendship. Last year saw a return to in person events, including our final meeting at Experimental Biology. In contrast to EB, our new meeting, Anatomy Connected, will be tailored specifically to anatomical scientists.

Please join me in thanking the AAA Staff (Christine, Colby, Liz, Kelly, Joanna, Keli, and Paul) for their tireless efforts to ensure an exciting and fun annual meeting! AAA also hosted an in person regional meeting at the University of Iowa and the Anatomy Education Research Institute (AERI) at Indiana University.

The past year was my final full year serving as the president of AAA. I am grateful to have been able to work with members of this fantastic and welcoming organization. At the end of Anatomy Connected 2023, I will turn over the reins into the capable hands of President-Elect Martine Dunnwald. I am looking forward to continuing to serve AAA as Past-President.

Finally, I would like to thank you, the members of AAA – none of this would be possible without you and your contributions. I am looking forward to all of the great things we accomplish together in 2023!

Valerie Burke DeLeon, Ph.D.
President, American Association for Anatomy
Associate Professor, Department of Anthropology
University of Florida
Passing the Baton

Member-based associations can be fluid organizations. Board members and committee heads serve set terms that expire, staff members regularly change jobs or even careers, and those in leadership roles often move up—sometimes within—and sometimes outside the organization.

After nine years, Executive Director Shawn Boynes, FASAE, CAE, left the American Association for Anatomy to become the Executive Director of the American Counseling Association. Under Shawn’s guidance, the society changed its name, rebranded, got a new website, launched new programs and awards (including the Anatomy Scholars and Innovations Programs), and implemented a new strategic plan. Shawn’s leadership helped AAA live up to its five pillars of Community, Respect, Inclusion, Integrity, Discovery and become a thought leader in the anatomical sciences.

Showing thoughtful leadership, the board of directors made it their priority during the transition to ensure the members of the association interests were put first. That’s where an interim executive director comes in.

A year and a half ago, Ross decided to start her own consulting firm, C. Ross Associates, focusing on CEO coaching, change management, strategic planning, workforce development and team building. “I had all this association knowledge, and I thought: ‘Wouldn’t it be nice to help calm these transitions? Because transitions are full of upheaval.”

After six months as interim executive director and a nationwide search, Ross was selected as the permanent Executive Director and as such, will build upon the great work started by Boynes.

“...Good leadership is knowing when to pass the baton to the next person who will infuse new energy, ideas, and help usher the organization through its next life cycle. Good, yet effective leadership also harnesses collective contributions to influence positive change for the greatest impact to the organization. Every voice matters, so when you provide members with an opportunity to fully engage, the outcome is that much more powerful.”

~ Shawn Boynes

““It is my honor to take the helm as AAA’s new Executive Director.  I am ready for the challenge of sustaining the legacy of leadership and hard work that has driven the success of this association since its inception.  By championing and welcoming individuals with diverse life experiences we will continue to open doors and improve inclusivity in associations and the workplace.  In the years to come, with intentionality, vision, and a strong will to listen, you will find AAA looking outward toward new collaborations.  I look forward to being your partner on this journey.”

~ Christine Ross
Adding Capacity with an Awards Manager

We are excited to welcome Paul Vaughan to the team! Paul Vaughan joined AAA this past October to be the new Awards Program Manager, taking over for Kelly Cox as she transitioned over to a new role within the organization. Paul comes to AAA from the North Carolina Bar Foundation where he managed their Endowment’s grantmaking process and civic education programming. With more than eight years’ experience in making grants and awards for community organizations and individuals, Paul brings a genuine interest in member engagement, process improvement, and advancing the profession. He moved to Rockville this past summer from Cary, North Carolina with his wife Stella and dog Roxie.

AAA Internship Program
In addition to new leadership, AAA started an intern program.

Communications Intern Maya Thurston, a senior at Howard University studying TV and Film Production, has worked on a wide range of projects during her time at AAA. In addition to writing social media posts and assembling newsletter emails, Maya has also interviewed and written profiles on leaders of the AAA committees and created a communications calendar.

“This opportunity has allowed me to hone in on my copywriting skills and gain knowledge about what it takes to work on a team in a fast-paced in-person environment. It has been great working with the AAA staff.” – Maya Thurston

Graphic design intern Chris Ortiz, who is currently a senior getting ready to graduate with a degree in Graphic Design from the University of Maryland Baltimore Campus has created numerous marketing pieces for AAA.

“My thoughts on the intern experience at AAA have been delightful, and I appreciate AAA for taking me into account and embarking on this journey with them. I have been able to learn and gain so much more experience. I can apply these experiences to future positions I may encounter throughout my graphic design career.” – Chris Ortiz

Anatomy Education Research Institute (AERI) Returns

2022 AERI took place in Bloomington, IN from July 11-14. This intensive four-day conference will partner leaders in STEM and medical education research with mentees interested in improving their teaching and educational research skills. AERI is funded by an AAA Innovations Program Award.
AAA Hosts Regional Meeting at the University of Iowa

The AAA Regional Meeting took place at the University of Iowa Department of Anatomy and Cell Biology on October 7-8, 2022.

This year’s theme was “Anatomy Across Scales: From Molecules to Organisms,” to reflect the breadth and depth of the anatomical sciences, according to Martine Dunnwald, co-organizer of the meeting and research associate professor of Anatomy and Cell Biology at the University of Iowa.

This year’s meeting hosted 80 attendees, 16 posters, 10 talks selected from abstracts, four themed sessions, as well as four discussion rooms.

“AAA has multiple aspects of its membership and multiple interests. We always think of anatomy as the person in a white coat doing dissection on a cadaver, and that's not really necessarily everybody.”

~ Martine Dunnwald
A Fond Farewell to Experimental Biology

The final meeting of Experimental Biology took place in April in Philadelphia. AAA met with EB for 26 years. The conference — hosted by five scientific societies supporting studies in biochemistry and molecular biology, anatomy, pharmacology, physiology and pathology — attracted thousands of researchers and exhibitors. In 2021, it was decided that 2022 would be the final year that EB took place and that going forward, each society would meet independently.

“Part of the problem is we’re not trained to do public engagement and communications. We’re not taught communications as part of our doctoral or post-doctoral training. We’re actually taught not to speak to journalists or the public.”

~ Peter Hotez
Bringing research from pages to life

The webinar series started with Developmental Dynamics and then added the Anatomical Record after Editor-in-Chief Heather Smith was settled into her new role. “The general idea behind the webinar series is to bring research from AAA’s journal pages to life in an interactive, engaging format,” said Smith.

To make sure that the series covers a broad range of topics from both journals, Developmental Dynamics and The Anatomical Record alternate each month inviting the speaker and moderating the session. Next year, after new Anatomical Sciences Education Editor-in-Chief Jason Organ takes the helm of that publication, he’ll also join the seminar series, Trainor said. “The seminar series will therefore be a joint series involving all three journals in partnership with AAA, with something for everyone,” he explained.

Trainor noted the variety of the topics covered in the seminars. “There is always something of anatomical science significance in the webinars, but where else are you going to learn about: (i) the genetics of dogs and their application to developmental disorders or cancer; (ii) Ehlers-Danlos hypermobility syndrome – the most common syndrome you’ve never heard of; (iii) crocodilian evolution; (iv) cardiac physiology and regeneration; (v) ecological transitions in turtles; (vi) regulation of skeletal growth and regeneration; and (vii) how muscle develops evolves and regenerates, all in the one webinar series.”

“Irrespective of whether you primarily do basic or clinical research, or teach anatomy and undertake education research, or are just a curious member of the public, our hope is that every seminar will inspire you and that you will learn something new about the world round you and how our bodies function.”

~ Paul Trainor

New Journal Impact Factors

Anatomical Record – 2.227
Developmental Dynamics – 2.842
Anatomical Sciences Education – 6.652
Anatomical Sciences Education Gets a New Editor-in-Chief

For the first time in 15 years, AAA’s Anatomical Sciences Education journal will have a new editor in chief. Jason Organ, associate professor of Anatomy, Cell Biology & Physiology at the Indiana University School of Medicine will be the third editor in the history of the journal, taking the reins from outgoing Editor in Chief Wojciech Pawlina.

Wojciech Pawlina, M.D. is a Professor and Chair of the Department of Anatomy at the Mayo Clinic College of Medicine in Rochester, Minnesota, USA. He serves as the Assistant Dean for Curriculum Development and Innovation at Mayo Medical School and as the Medical Director of Procedural Skills Laboratory. Dr. Pawlina teaches gross anatomy, embryology, and histology to medical students, residents, fellows, and other health care professionals. His research interest in medical education is directed towards strategies to implement professionalism, leadership, and teamwork curriculum in early medical education. Recently he was selected as the Editor-in-Chief of Anatomical Sciences Education.

“The current editor in chief of ASE, Dr. Wojciech Pawlina, built a strong foundation that has positioned the journal to soar to new heights. I am excited to work toward these goals while continually aligning them with the diversity, equity, and inclusion (DEI) goals set forth by the AAA Board of Directors. I am committed to DEI, and I have made it a bedrock of my service to our profession,” Organ said. “My hope is to grow the ASE editorial board toward areas and approaches that are currently underrepresented, while also maintaining continuity of the current board. To do this, the journal will draw on experts and expertise in all areas of anatomy education.”

“Dr. Organ’s expertise in anatomical sciences, proficiency with social media and podcasting, and his commitment to diversity, equity and inclusion in the field will significantly expand the footprint of ASE,” said Dr. Valerie B. DeLeon, AAA President. “We are grateful to Drs. Pawlina and Richard Drake, who were the founding editors of ASE, and we are excited and looking forward to the next era of ASE under Dr. Organ’s leadership.”

In 2018, Organ received the AAA’s Basmajian Award for excellence in teaching gross anatomy and outstanding accomplishments in biomedical research and scholarship in education. In 2017, he received an Innovation Grant to hold the inaugural Science Communication Boot Camp (SCBC). The goal of the boot camp was to give AAA members the tools and strategies to become more effective science communicators, particularly when it comes to engaging the public and the policymakers who fund scientific institutions. When not teaching, Organ is also co-editor and writer of the Public Library of Science (PLOS) Science Communication Blog and co-host of the Science Night Podcast. In his spare time, Organ spends time with his wife and two sons, attends live music shows, and he has taken up the sport of fencing during the pandemic.

“There are a lot of things that are really exciting about the journal and a lot of things I'm looking to change. It's a daunting task but I'm up for a challenge.”

~ Jason Organ
Celebrating Croctober

Emma R. Schachner, an associate professor in the Department of Cell Biology and Anatomy at LSU Health in New Orleans and Casey M. Holliday, an associate professor at the Department of Pathology and Anatomical Sciences at the University of Missouri School of Medicine, worked together to compile an 800-page special issue all about crocodilians.

Not only are crocodiles intriguing, they’re also integral to the study of other species, particularly those in the Archosauria clade. “For me, it’s because I started off working with dinosaurs, and they’re the sister group,” Schachner said. “Usually, any paleontologists interested in dinosaur biology are going to be interested in birds and crocodilians. It’s the two halves, the two parts of the same question.”

Crocodiles, while still mysterious to most people, are also still evolving and adapting to their environment. For example, today’s crocodiles are actually more cold-blooded than their ancestors. “Really, we’ve had a Renaissance in crocodile biology over the last 20 or so years, in that we’ve started to recognize that they’re not living fossils but instead they’ve actually been constantly evolving over last 60 million years without dinosaurs around and even before,” Holliday said.

The cover artwork of the special issue featured the work of up-and-coming paleoartist, Hank Sharpe.

The 21-year-old artist is in his last year as an undergraduate studying dinosaur anatomy at the University of Alberta, where he also works on anatomical studies for his degree. “There are lot of medical and scientific illustration of living animals, but the number of people doing it for extinct animals is much smaller,” Sharpe said.

The process to create the artwork was time and labor intensive, especially for a student who works part time. “Each painting took about a month of part time work to finish up, including areas that we repainted,” Sharpe said, while noting that the entire process took about two months.

To celebrate this exciting special issue, AAA gave everyone who joined the society before the end of October a free hard copy of the special issue. We also provided posters to existing members who renewed and featured Croctober-themed merchandise in the AAA online store.
ASSUMING RESPONSIBILITY FOR THE PAST, AND LOOKING TOWARDS THE FUTURE

American Association for Anatomy Statement of Responsibility for Its History of Racism

In 2022, the American Association for Anatomy issued a statement on the role that the society has played in the perpetuation of racism.

The American Association for Anatomy (AAA) values community, respect, inclusion, integrity and discovery in its mission to advance anatomical sciences through research, education and professional development. The AAA acknowledges that throughout much of its history, it has largely ignored both societal racism and the integral role of some AAA members in promulgating scientific racism, a universally discredited concept in complete opposition to the present values of the AAA. Only in the new millennium has the AAA firmly committed itself to increasing diversity and inclusion of groups previously marginalized and/or objectified within the anatomical sciences.

This statement of responsibility acknowledges the facts of AAA’s history and serves as a pledge of our commitment to welcome, mentor, and support a broad and inclusive community of educators and researchers in the anatomical sciences.

It took the AAA 134 years to take a first candid look at its own history of racism. Intentionally or unintentionally, AAA actions and inactions have resulted in underrepresentation and marginalization of many societal groups, including Black anatomists. The AAA’s historical behavior includes acts of complicity with structural and institutional racism by omission and inattention, lack of critical questioning and reflection on practices, and reinforcement of traditional hierarchical structures that resulted in the stratification of opportunities for many beyond certain groups. The AAA was often silent with respect to deep rooted hatred against Jews manifested in anti-Semitic acts within the United States and, most egregiously, in the Holocaust. The AAA ignored the many instances of racism in the United States against Black, Indigenous, Asian, Latino


Adopted by the AAA Board of Directors on March 31, 2022
and other marginalized groups of Americans. This silence in the face of racism has, ultimately, led to a restricted pool of talented scientists for society as a whole and for the AAA itself.

To assume responsibility for the past, and to better our future, the AAA commits funding and effort to support the following research, education, and professional development initiatives:

• Further research on the history of AAA and the discipline of Anatomy in the United States to understand the impact of AAA behavior on historically underrepresented scientists and the implications for AAA and the broader community
• Development of educational curricula on the history of Anatomy
• Creation of inclusive Anatomy curricula, including introductory sessions on racism and biological variation

• Creation of inclusive representation in anatomical imaging for education and research
• Development of robust outreach research programs and student research fellowships for underrepresented groups in anatomy
• Exploration of new pathways to AAA membership promoting inclusion of traditionally marginalized groups
• Coordination of programming and outreach with other scientific and health professional associations to recruit underrepresented populations into science and education

Through these and future initiatives, the AAA will continue to build a supportive and inclusive community for all educators and researchers in the anatomical sciences.

Human Body Donation Committee Formed

Originally created as a task force in 2020, the Human Body Donation Committee was formed in 2022.

The scope of the committee is to advance the mission of the association by increasing awareness of the members and interested parties about whole body donation for education and research. Advocates for body donor best interests; develops and contributes to best practices; informs policymakers and regulatory efforts and supports legal and ethical program operations and activities for educators, researchers, body donors and the public at large/our communities.

AAA supports the highest ethical standards when working with donated bodies. Working with human body donors is a fundamental component of anatomy education for future medical professionals, researchers and educators. In addition to adhering to all rules and regulations regarding the storage, work and disposition of human remains, it is essential that all who interact with donated bodies act with reverence and integrity.

The committee will be chaired by Joy Balta, AAA member since 2014 and Associate Professor at Point Loma Nazarene University.
Anatomy Scholars Program

The inaugural Anatomy Scholars Program cohort first met this year at the 2022 AAA Annual Meeting, held in conjunction with Experimental Biology.

The ASP was designed to support and increase retention of Underrepresented Minorities (URM) in STEM academia in the United States and Canada by establishing mentoring relationships between established professors and early-career academics.

The importance of this program cannot be overstated. While the past few decades have seen a 9.3-fold increase in the number of URM Ph.D. graduates, this has yielded only a 2.6-fold increase in URM faculty members. Likewise, the racial and ethnic composition of academic and medical school faculty is far from representative of the U.S. and Canadian populations.

“I am so proud of the American Association for Anatomy for supporting this program. This is a great example of ‘putting your money where your mouth is.’ The goals of this program are not only to provide professional development, and mentoring, but to help develop peer-to-peer support for URMs in the field of Anatomy. It aligns with AAA’s strategic priorities and ongoing diversity, equity, and inclusion efforts. Our hope is to reduce the feeling of isolation that comes with being the ‘Only,’” says Diversity, Equity, and Inclusion (DEI) Committee Immediate-Past Chair and ASP Program Leader Loydie Jerome-Majewska, Ph.D.

The members of the first ASP cohort of Scholars are:

Jailenne I. Quiñones Rodríguez, M.A., doctoral candidate at Central University of the Caribbean. Quiñones is currently developing electron microscopy techniques to study protein localization in neuron synapses.

“Through ASP, I have established a substantial professional network, leading to the exchange of innovative ideas and meeting diverse specialists in the field of anatomy.”

~ Jailenne I. Quiñones Rodriguez, M.A.
In December of 2021, I applied to the AAA Anatomy Scholars Program (ASP). As an inaugural scholar, I wasn’t completely sure if I was a fit to the program, but I knew it would be a great opportunity for professional development and for networking. Now ~6 months later, I am glad I applied to the program. I have met several people that are fully engaged in helping with my professional success. In addition, I will be participating in training that will help me advance in my career. The program is an excellent opportunity for people from underrepresented groups.”

~ Andre Tavares, Ph.D.

Caio Sarmento, P.T., Ph.D., Assistant Professor of Physical Therapy at California State University, Fresno. Dr. Sarmento’s research focuses on developing exercise programs for patients with chronic pain conditions.

Andre Tavares, Ph.D., Assistant Research Professor of Anatomy and Cell Biology at The George Washington University. Dr. Tavares’ research focuses on genetic causes of craniofacial birth defects.

The program will feature training modules on topics including grant-writing, work-life balance, and lab management and will match the Scholars with established scientist mentors.

“I’m grateful to the DEI Committee for their thoughtful approach in developing this program. They identified early-career faculty as being particularly vulnerable to attrition, based on the experience of isolation and associated administrative burdens,” says AAA President Valerie Burke DeLeon, Ph.D. “The ASP will provide a supportive community for all the participants, and the professional success of program participants benefits our entire AAA community. Every aspect of the ASP aligns with our Association values of Community, Respect, Inclusion, Integrity, and Discovery.”

Caio Sarmento, P.T., Ph.D., Assistant Professor of Physical Therapy at California State University, Fresno. Dr. Sarmento’s research focuses on developing exercise programs for patients with chronic pain conditions.

Andre Tavares, Ph.D., Assistant Research Professor of Anatomy and Cell Biology at The George Washington University. Dr. Tavares’ research focuses on genetic causes of craniofacial birth defects.
INNOVATING ANATOMY

The American Association for Anatomy (AAA) has funded Innovation Grants for two programs: Anatomy Nights and The Anato-Bee. This year’s awards totaled $75,000.

Anatomy Nights was founded in 2018; it is an event format that brings the fundamental practice of dissection (non-human) into the public sphere and ensures that anatomists are involved in public engagement presentations about the human body in casual spaces such as bars and pubs. Since its inception, Anatomy Nights has reached venues around the world including Australia, Canada, Europe, New Zealand, and the USA.

The grant announced today will provide funding for an AAA Anatomy Nights library of public engagement resources that can be used by educators to deliver premier anatomical educational events across the globe.

Anatomy Nights organizers are AAA members Janet Philp, Jason Organ and Kat Sanders.

Funding was also provided for the Anato-Bee, a planned anatomical sciences competition for high school students in the United States. This educational competition would be modeled after the extremely successful, International Brain Bee competitions.

The proposed Anato-Bee will provide a spelling-bee style anatomical sciences competition for all interested students with no costs associated with participation. After hosting the inaugural Anato-Bee competition, the organizers anticipate establishing relationships with faculty and graduate students across the country that will be committed to hosting future competitions and providing financial support for host institutions, awardees, and travel scholarships for under-represented students.

Anato-Bee organizers are Jenna Hagerty, Norbert Myslinski, and Dana Peterson, and Mary Piscura.

“We’re proud of funding these exciting initiatives that will educate the public about the field of anatomy and the anatomical sciences,” said Valerie DeLeon, Ph.D, president of AAA. “These projects will inspire and educate young people and introduce them to our very exciting and dynamic profession.”
New Awards Approved

In November 2022 the AAA Board of Directors voted to fund several new awards

**Predoctoral Fellowship**
This Award is designed to develop the pathway of future anatomical scientists by providing funding for students who are current or new members of AAA completing their first masters or first doctoral degree. This mechanism will support all graduate students as they fully engage with their research in anatomical sciences.

**EUReka EDI Undergraduate Research Award**
The EURekA Award is presented to an underrepresented minority undergraduate student interested in research at this early critical stage by better preparing them for graduate training, or as a springboard to employment in science and health research fields, including scientific outreach and medical education.

**DEI Dissertation Completion Award**
This Award is designed to promote diversity, equity, and inclusion in the anatomical sciences by providing dissertation completion awards to underrepresented minority (URM) graduate students who are current or new members of AAA. This mechanism will support URM graduate students at a key transition, from PhD completion to either postdoctoral studies or a first academic job, thus, promoting their retention in science and the AAA.

**Child and Dependent Care Grant**
A need-based grant support to help offset the cost of child and dependent care to enable members to present their research at Anatomy Connected. This award was proposed by the Diversity, Equity, and Inclusion Committee.
Awards Launched in 2022

In 2022, the board approved three new awards to highlight the outstanding efforts of early- and mid-career members to engage with the public, in advocacy or with the association and their institutions.

Rising Star Award
Recognizes early-career members who demonstrate excellence in their engagement with the AAA and exhibit the potential to serve in leadership roles in the AAA and at their home institution. This award is intended to foster the development of leadership skills in members with interest in pursuing future leadership roles within the organization and at their home institution.

Science Advocacy Fellowship
The Science Advocacy Fellowship is a two-year fellowship intended for mid-career faculty interested in science policy and advocacy to learn about public policy issues pertinent to the association, to develop the skills to engage in federal, state, and local science advocacy, and to become future leaders in science.

Science Communication and Public Engagement Award
Awarded annually to a mid-career member in recognition of outstanding science communication and public engagement efforts in anatomical sciences. These efforts can take various forms, including (but not limited to) public outreach events, public policy advocacy, mass media appearances, and social/online media communication.

Anatomy NETWORK

Our member community forum is now the Anatomy Network!
Reach out to your fellow AAA members and build your network today!
MEMBERSHIP

526
New Members
2022

2,410
Total Members
2022

2022 SURVEY SAYS

When members were asked via survey to describe the positive attributes that describe AAA, respondents cited scholarly (47%), informative (44%), collaborative (40%), supportive (34%), and relevant (33%).

41% Feel the value is greater than or far greater than the cost.

Members turn to AAA to stay up to date on changes in anatomy (85%) and to maintain/expand their network of peers (84%).

The member-only online community (Anatomy Connected (now Network)) is AAA’s most widely used offering.

Rounding out the top three in popularity are the 2022 Annual Meeting at Experimental Biology (39%) and Anatomical Sciences Education (digital) (38%).

“My AAA membership has been of such value throughout my career, especially for the connections with international colleagues that it has facilitated”.

~ AAA Member
2022 FINANCIALS

Supporting Our Members

AAA remains financially healthy and committed to supporting its members by investing in programs and services that strengthen our mission and strategic goals. These charts provide an overview of revenue sources and primary expense categories as of December 31, 2022.

Total Income .......... 2,714,322.86

Income by Source

- Advertising/List Sales ......................... 37,950.66
- Royalty Income .................................. 2,224,128.00
- Membership Dues ............................... 158,505.52
- Annual Meeting Income ...................... 129,951.81
- Journal Print Fee Income ..................... 1,560.00
- Contributions ..................................... 48,000.00
- Misc Income ..................................... 114,007.81
- Merchandise Sales ............................... 219.06

Total Expenses ...... 2,861,440.61

Expenses breakdown

- National Office .................................. 1,506,250.29
- Member Retention & Development ........... 95,073.84
- Awards ............................................ 545,776.44
- Committees, Board & Governance .......... 119,108.85
- Newsletter & Journals ......................... 100,943.64
- Web Site .......................................... 43,927.40
- Annual Meeting & Regional Meeting ........ 450,360.15
BOARD OF DIRECTORS

PRESIDENT
Valerie DeLeon, Ph.D.
University of Florida

PRESIDENT-ELECT
Martine Dunnwald, PharmD, Ph.D.
University of Iowa

PAST PRESIDENT
Rick Sumner, Ph.D.
Rush University Medical Center

PROGRAM CO-CHAIR
Paul Kulesa, Ph.D.
Stowers Institute for Medical Research

PROGRAM CO-CHAIR
Joan Richtsmeier, Ph.D.
The Pennsylvania State University

DIRECTOR
Melissa Carroll, Ph.D.
The George Washington University

DIRECTOR
Anne Burrows, Ph.D.
Duquesne University

DIRECTOR
Katherine Willmore, Ph.D.
University of Western Ontario

DIRECTOR
Lisa Taneyhill, Ph.D.
University of Maryland, College Park

DIRECTOR
Claudia Krebs, M.D., Ph.D.
University of British Columbia

DIRECTOR
Samuel Marquez, Ph.D.
SUNY Downstate Health Science University

STUDENT/POSTDOC DIRECTOR
Madeleine Norris, Ph.D.
University of California, San Francisco

STUDENT/POSTDOC DIRECTOR
Andrew Cale
Indiana University

SECRETARY/TREASURER
Bryon Grove, Ph.D.
University of North Dakota School of Medicine and Health Sciences

SECRETARY/TREASURER-ELECT
Raj Ettarh, M.D., Ph.D.
California University of Science and Medicine

PUBLICATIONS CHAIR (Non-Voting, Ex-Officio)
Kem Rogers, Ph.D.
Western University