

President's Note

Dear members of AACA,

Happy Summer. I hope you had a chance to attend the 39th Annual Conference in Fort Worth, June 13-17, which was our first in-person AACA conference in over two years. Thanks to the University of North Texas, our local hosts, Drs. Rusty Reeves and Cara Fisher, our meeting manager Dr. Jennifer Burgoon and our friends from the Association Services Group who planned a scientific meeting that everyone could benefit from. Our Presidential Speaker, Dr. Malika Fair from the Association of American Medical Colleges, delivered an insightful talk entitled "Critical Steps to Advance Racial Equity in Medicine".

Each of our standing committees held successful organizational meetings, and our post-graduate course on Hand Transplantation was well-received by the attendees. At our awards banquet Thursday night, we saluted this year's Honored Member, Dr. Cornelius Rosse.

We look forward to seeing all of you again next year when we celebrate our 40th Annual Conference in Orlando, Florida, July 9-12, 2023.

Sincerely,

Thomas R. Gest, PhD
President, AACA



2022 AACA Awards

Honored Member Award



Cornelius Rosse, MD, DSc

Cornelius Rosse is a professor emeritus at the University of Washington. He received his medical

education and training at the University of Bristol in England and, after joining the faculty of the Department of Anatomy, he was awarded a PhD degree for his research work in hematopoiesis and a Doctor of Science degree in biomedical informatics. He transferred to the Department of Biological Structure at the University of Washington in 1967, later becoming its chairman. He taught anatomy and embryology in a variety of courses to students and trainees in healthcare programs, ranging from undergraduates to surgical residents at the University of Washington and as a visiting professor at the Royal College of Surgeons (London). After being named "Outstanding Teacher" in five consecutive years in the UW School of Medicine, he was declared "Teacher Superior in Perpetuity" to open up the award to other faculty. Subsequently, he received the Distinguished Teacher Award of the University of Washington and of the American Association of Medical Colleges. He was appointed to the advisory board of the latter institution and served as a member and later as chairman of the Step 1 Test Development Committee of the National Board of Medical Examiners. He is an author of four textbooks and 10 electronic publications related to anatomy as well as of several journal articles concerned with anatomy education. Over the years, Rosse's research was supported by grants and contracts from the National Institutes of Health (National Cancer Institute and National Library of Medicine), the Department of Energy and the Department of Defense (Defense Advanced Research Agency or DARPA). Among the close to 200 publications resulting from this support some relate to cell production and differentiation in the immune and hematopoietic systems, while the majority pertain to biomedical informatics, an area in which Rosse has made his salient contributions. The latter entail the establishment of Structural Informatics (in partnership with James Brinkley), a subdiscipline of biomedical informatics, which addresses the challenges posed by the computable representation of the spatial and symbolic components of anatomical science. The spatial component was realized through the Digital Anatomist program, which pioneered the interactive 3D representation of parts of the body and served as the impetus for the National Library of Medicine's Visible Human and DARPA's Virtual Soldier projects. The Foundational Model of Anatomy represents the symbolic component of anatomical science as a principled ontology created and readable only through computational methods. It is the result of world-wide collaboration between anatomists, computer and information scientists, ontologists and philosophers. The FMA is distinct from traditional anatomical knowledge sources in that it serves as a reference ontology for application developers in clinical practice and biomedical research. While his previous publications appeared predominantly in bioinformatics and AI journals, during his retirement Rosse is preparing contributions to Clinical Anatomy to promote the engagement of anatomists in the development of educational applications capable of supporting inference and reasoning.

Ralph Ger Platform Presentation Award

Brittney Link, Lake Erie College of Osteopathic Medicine (LECOM)

Development of Computer and Three-Dimensional Printed Models for Teaching Facial Nerve Anatomy

Sandy Marks Poster Awards

Basic Science: Alexa Kelly, University of North Texas Health Science Center

Nasal Morphology and Energetic Demands: A Test of the Respiratory-Energetics Hypothesis

Clinical Science: Chandler Dykstra, Marian University College of Osteopathic Medicine

Extracranial Hypoglossal Tumor with a Variant Ansa Cervicalis: A Case Report

Education: Courtney Lewis, Touro College of Osteopathic Medicine

Tibioalcaneus Internus: A Rare Accessory Muscle in the Tarsal Tunnel

Anatomical Services Award

Scott T. Barton, University of California, San Diego

Sharing the University of California Anatomical Donation Program Experience with a Fulbright Scholar.

Bobbi Morgan, West Virginia School of Osteopathic Medicine

Memorializing Anatomical Donors During a Pandemic.



Early Career Award

Brittney Link, Lake Erie College of Osteopathic Medicine (LECOM)
Development of Computer and Three-Dimensional Printed Models for Teaching Facial Nerve Anatomy.

Taylor Robertson, University of North Texas Health Science Center
Manipulating Anesthesia with Massage Increases Spread in Sciatic Nerve Blocks: A Cadaver Study.

Gurvinder Kaur, Texas Tech University Health Sciences Center
Highlighting the Benefits of Cadaveric Dissection in the Era of Digital World.



Clinical Anatomy Education Award

Platform: Somin Jo, Stanford University School of Medicine
The Utilization of Virtual Reality (VR) Anatomical Models in Anatomy Education

Poster: Shelley D. Hunter, University of Missouri-Kansas City
Clinical Anatomy Remote Learning: A Mixed Methods Study of Actual and Perceived Knowledge

Clinical Anatomy Translational Research Award

Platform: Samir Anadkat, Tulane University School of Medicine
Anatomical Study of the Atrioventricular Nodal Branch of the Heart

Poster: Tafline Arbor, Marian University College of Medicine
Bilateral Congenital Absence of the Middle Nasal Turbinates

Clinical Anatomy Junior Faculty Award

Poster: Kelsey J. Picha, A.T. Still University
Using ARCS Model of Motivational Design to Assess Team-Based Learning in a Gross Anatomy Course

Clinical Anatomy Senior Faculty Award

Platform: Cristiana Rastellini, University of Texas Medical Branch
The Anatomy of the Femoral Triangle: Gender Differences and Possible Clinical Implications.

Trivia Winners



Amberly Reynolds, Edgar Meyer, Haley Nation and Stefani Attardi

Future Meetings

2023 AACCA Annual Meeting

July 09-12, 2023

Orlando, FL

Hilton Orlando, Lake Buena Vesta

Local Hosts: Jennifer Mark & Jacqueline Flores
Otero



2024 AACCA Annual Meeting

June 17-21, 2024

New York, NY

Local Hosts: Estomih Mtui & Anthony D'Antoni
Weill Cornell Medicine



2025 AACCA Annual Meeting

June 16-19, 2025

Seattle/Bellevue, WA

Local Hosts: R. Shane Tubbs & Joe Iwanaga

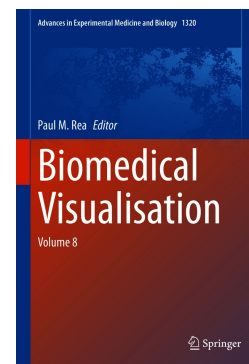


Member News

Biomedical Visualization

AACA members Drs. Paul Rae, Eiman Abdel Meguid, Priti Mishall, and Haley Nation are serving as Editors for a volume in the book series entitled Biomedical Visualization

(8th vol.: <https://www.springer.com/gp/book/9783030474829>). Biomedical Visualization is a book series that focuses on visualization in science and encapsulates how science and imaging have merged. The series conveys complex biomedical information by visual means. While the scope encompasses medicine, dentistry, veterinary surgery, computing and the allied health professions, all chapters focus on the junction between technology, science, and the arts. This particular volume focuses on three main topics: advanced microscopy, anatomy education, and technology visualization related to clinical care. Look for the AACA members' textbook to be published in 2023!



Stay Engaged!

We are interested in promoting communications between all AACA members, and we believe that our newsletter will help in this effort. Therefore, if you would like to share your news, remind people of a conference, announce an award or a call for papers, or if you are looking for a research collaborator, please send a 75 word (maximum) note to our newsletter editor, Dr. Mohammed Khalil, DVM, MSED, PhD

KHALILMK@greenvillemed.sc.edu. Make sure your message is clear, appropriate, and includes your contact information.

You can also request for future content or news to be shared. Content can be submitted using the following form: <https://forms.gle/o8SHcy2eDEf5Twyv6>

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