



AMERICAN  
ASSOCIATION FOR  
**ANATOMY**



**ANATOMY  
CONNECTED**  
**2025** MARCH 28 - 31  
PORTLAND, OR

**Oregon Convention Center  
Portland, Oregon**

**Don't miss a thing!  
Stay up to date  
with the Anatomy  
Connected 25  
mobile app.**

Available in the  
Apple App Store  
and the Google Play  
Store. Download the  
eventScribe app and  
search for the Anatomy  
Connected 25 event.



## **Contents**

Friday, March 28.....	3
Saturday, March 29.....	4
Sunday, March 30 .....	8
Monday, March 31 .....	13
Governance Meetings .....	18
Poster Sessions .....	19
Sponsored Sessions Schedule..	20
Exhibitors .....	22
Floorplan .....	22



**ANATOMY  
CONNECTED  
2025** MARCH 28 - 31  
PORTLAND, OR

**Special recognition and gratitude goes to the following committees and award competition judges for their hard work in planning a fantastic program:**

**Program Committee • Educational Affairs Committee • Professional Development Committee  
Committee for Early Career Anatomists • Ambassador Committee**



## Pre-Conference Workshops

2:00 pm – 5:00 pm

Room A105

### Active Approaches to Anatomy Education (AAA)

*Presenters/Facilitators:*

- **Kathryn Moore**, Spencer Fox Eccles School of Medicine at the University of Utah
- **Troy Camarata**, Baptist University College of Osteopathic Medicine
- **Kristina Lisk**, University of Toronto
- **Varna Taranikanti**, Oakland University William Beaumont School of Medicine

*Pre-registration is required. Sold Out.*

1:00 pm – 5:00 pm

Room A106

### It's Not All Hocus PoCUS: A Hands-On Workshop in Point of Care Ultrasound

*Speakers:*

- **Sally Graglia**, University of California, San Francisco  
*Introduction to Ultrasound for Anatomists*
- **Derek Harmon**, The Ohio State University College of Medicine  
*Development of Ultrasound and Anatomy Workshops for Residents*
- **Madeleine Norris**, University of California, San Francisco  
*Implementation of Point-of-Care Ultrasound into Undergraduate Medical Education Anatomy Curricula*
- **Kristina Zarenko**, University of South Carolina School of Medicine Greenville  
*Integrating Anatomical Donors into Ultrasound Education*

*Pre-registration is required. Sold Out.*

6:00 pm – 7:00 pm

Oregon Ballroom 201-202

### Plenary Speaker: Elizabeth Brainerd, Brown University

Evolutionary Transformations in the Anatomy and Biomechanics of Vertebrate Respiratory Pumps



7:00 pm – 8:30 pm

Oregon Ballroom Lobby

### Welcome Reception: Hosted by President Martine Dunnwald

Sponsored by **WILEY**

Your conference badge is your ticket!

## DON'T FORGET TO VISIT ANATOMY CENTRAL

BOOTH 307

Learn more about membership, awards, and all that AAA has to offer!

Talk with representatives from the Ambassador Committee and AAA staff.

Release your inner artist— Make your own Anatomy Button and Friendship Bracelet!



Snag a AAA beanie by donating to our Student Travel Awards.

AMERICAN  
ASSOCIATION FOR  
**ANATOMY**

## SATURDAY, MARCH 29

8:30 am – 10:00 am

Room A105-106

## BioAnthro Platform Session

**Chair: Habiba Chirchir** (Ohio State University)

- **Alana Sharp** (University of Liverpool)  
*Cranial Suture Complexity and Function in Mammals is Driven by Diverse Biomechanical Demands*
- **Hannah Farrell** (University of Chicago)  
*Postdoctoral Platform Presentation Award Finalist*  
*The Impact of Footwear on Human Talar Trabecular Architecture*
- **Liat Rotenstreich** (Israel Institute of Technology)  
*Patterns of Inter-specific Variation in the Architecture of Primate Lips and the Unique Structure of Hominin Lips*
- **Kelsey O'Neill** (The University of Tennessee, Knoxville)  
*Evolvability and Constraint in Human Mandible and Hyoid*
- **George Francis** (Texas A&M School of Dentistry)  
*Sexual Dimorphism of Long Bone Mineral Density and Growth in the Free-ranging Rhesus Macaques of Cayo Santiago*
- **Sacha Sides** (University of Florida)  
*Comparative Analysis of Aye-aye Incisor Curvature and Morphology in Relation to Rodents and Lagomorphs*

8:30 am – 10:00 am

Oregon Ballroom 204

## Imaging Platform Session

**Chair: Sandra Rugonyi** (Oregon Health Science University)

- **Anthony Rahawi** (Pennsylvania State College of Medicine)  
*Brain Topography and Symmetry of Sleep Depth during Adolescence*
- **Kathy Svoboda** (Texas A&M School of Dentistry)  
*PEGASOS Clearing Method Retains Morphology and Fluorescence for 3D Analysis of Craniofacial and Ocular Tissues*
- **Hannah Traynor** (University of Western Ontario)  
*Diffusion MRI to Characterize Muscle Architecture in Symptomatic FAI*

- **Ethan Fulsher** (Western University of Health Sciences)  
*Advancing Understanding of the Vascularity of Musculoskeletal Structures Employing Maximum Intensity Projection to Improve Orthopedic Health*
- **Alpen Ortug** (Massachusetts General Hospital, Harvard Medical School)  
*Postdoctoral Platform Presentation Award Finalist*  
*MRI Study of Subcortical Gray Matter Volume in Critically Ill Infants Following Long-gap Esophageal Repair*
- **Emily Buchanan** (University of Colorado)  
*Langman Graduate Student Platform Presentation Award Finalist*  
*Optimal DBS Electrode Positioning in the Anterior Nucleus of the Thalamus: A Treatment for Drug-resistant Epilepsy*

8:30 am – 10:00 am

Oregon Ballroom 203

## Utilizing Multiple Model Systems to Understand Facial Development and Dysmorphologies

*Co-sponsored by the Society for Craniofacial Genetics and Developmental Biology (SCGDB)***Chair: Lisa Taneyhill** (University of Maryland)

- **Lisa Taneyhill** (University of Maryland)  
*Chickens (in a) Coup with Mice: Leveraging Animal Models to Study Craniofacial Development and Disease*
- **Andre Luiz Pasqua Tavares** (University of Delaware)  
*Using Xenopus and Mouse to Dissect the Role of Six1 and Six1-associated Genes in Craniofacial Birth Defects*
- **Jean-Pierre Saint-Jeannet** (New York University)  
*Modeling Craniofacial Spliceosomopathies: A Tale of Frogs and Embryonic Stem Cells*

8:30 am – 10:00 am

Room B110-112

## Cards Against Anatomy: Designing Analog Games for Anatomy Education Workshop

**Chairs: Carrie Elzie** (Methodist University) and **Caitlin Sachsenmeier** (Duquesne University College of Osteopathic Medicine)



## SATURDAY, MARCH 29

*Speakers:*

- **Carrie Elzie** (Methodist University)
- **Caitlin Sachsenmeier** (Duquesne University College of Osteopathic Medicine)
- **Mikaela Stiver** (McGill University)
- **Jeremy Grachan** (Rutgers New Jersey Medical School)

10:00 am – 10:30 am

*Exhibit Hall B***Networking Break and Exhibits**

10:00 am – 10:30 am

*Room B117***Buddy Participant Meet-up**

10:30 am – 12:00 pm

*Room A105-106***Environmental Impacts on Development Platform Session***Chair: Rusty Lansford* (University of Southern California)

- **Shrivats Manikandan** (Kirksville Senior High School)  
*Methamphetamine's Influence on the Blood-brain Barrier: Dissecting Changes in Microvascular Endothelial Cell Structure and Function*
- **Rafael Rios** (Midwestern University Arizona College of Medicine)  
*Effects of Heavy Metals on BMP4 in Frogs (Lithobates Hecksheri)*
- **Amy Pietrantonio** (The University of Western Ontario)  
*Early, Acute Prenatal Alcohol Exposure in Mice Causes Life-long, Sex-dependent Hearing Impairments*
- **Maria Serrat** (Marshall University School of Medicine)  
*High-fat Diet Augments Linear Growth in Mice Lacking the Protease PAPP-A*
- **Shilpa Gorla** (University of Waterloo)  
*The Role of Zinc and Ouabain in Modulating Chicken Lens Biomechanics*
- **Layya Al Malouf** (University of Western Ontario)  
*Investigating Transcriptomic Changes in the Mouse Medial Prefrontal Cortex Following Early, Acute Prenatal Alcohol Exposure*

10:30 am – 12:00 pm

*Oregon Ballroom 204***Gone to the Dogs: Anatomical and Physiological Adaptations in Canid Evolution***Co-sponsored by The Anatomical Record**Chairs: Anne Burrows* (Duquesne University) and *Heather F. Smith* (Midwestern University)

- **Erin E. Hecht** (Harvard University)  
*Nature and Nurture in Canine Brain Organization*
- **Ana G. Jimenez** (Colgate University)  
*Changes of the Oxidative Stress System in the Domestic Dog: Aging, Phylogeny, and Welfare Impacts*
- **Heather F. Smith** (Midwestern University)  
*Evolutionary Comparative Anatomy of Canid Musculature*

10:30 am – 12:00 pm

*Room B110-112***Broadening the Concept of Wellness and Learning how to Sustain It**

- **Michelle Moore** (Louisiana State University Health Sciences Center – New Orleans)  
*Sustainable Wellness*

10:30 am – 12:00 pm

*Oregon Ballroom 201-202***Education Platform Session #1***Chair: Alexander S.R. Macnow* (Thomas Jefferson University)

- **Brenda Anak Ganeng** (Indiana University School of Medicine)  
*Disruption and Gratitude: Student Experiences in the Gross Anatomy Lab*
- **Devan Heinrichs** (University of Iowa Carver College of Medicine)  
*Preserving the Past, Educating the Future: Insights into Anatomy Stewardship*
- **Nancy Adams** (University of Florida)  
*Educational Research Platform Presentation Award Finalist*  
*Measuring Self-efficacy in Gross Anatomy: Creating the GASE*

*Continues on next page.*

## SATURDAY, MARCH 29

- **Ashley Walker** (University of Florida)  
*Educational Research Platform Presentation Award Finalist*

*Anato-community: Exploring First Year Medical Students' Perceived Sense of Community and Learning in a Peer Teaching Environment*

- **Alyssa Ransom** (LSUHSC- NO)  
*Educational Research Platform Presentation Award Finalist*

*An Anatomy of Absence: Black Students' Experiences with Representation in Medical Education*

- **Eva Chima** (McMaster University)  
*Educational Research Platform Presentation Award Finalist*

*Redefining Anatomy Education: A Descriptive Analysis of Current Views and Future Approaches on the Incorporation of Inclusive Sex and Gender Practices*

12:00 pm – 1:30 pm

### Lunch Break

12:15 pm – 1:15 pm

Room B113-116

### Networking Lunch & Learn

#### Pick and Probe: Focused Conversations Across Anatomy

This Lunch and Learn features focused, small group discussions on topics related to anatomy. A table host will guide and moderate the focused discussion among colleagues. A broad range of topics have been selected: we hope you will find a discussion you are interested in joining, no matter how your work connects with anatomy. In case you don't see a topic that interests you, we will have a few tables open for impromptu discussion. The goal of these focused, small group exchanges is to gain further insight, foster networking, community building, and help spur future collaboration and innovation. Come join us, to pick and probe into a topic together!

**Note: Lunch will not be served at this session. Feel free to bring your own.**

1:30 pm – 2:00 pm

Oregon Ballroom 203

### Annual Members Business Meeting

All AAA Members are encouraged to attend.

2:30 pm – 4:00 pm

Room A105-106

### Multiscale Modes of Regeneration

**Chairs:** **Megan Killian** (University of Michigan) and **Jennifer Simkin** (University of Kentucky)

- **Jennifer Simkins** (University of Kentucky)  
*From Inflammation to Regeneration: How Macrophage Metabolism Directs Healing*
- **Sarah Calve** (University of Colorado Boulder)  
*Dynamics of the Extracellular Matrix during Regeneration*
- **Marian Hettiaratchi** (University of Oregon)  
*Engineering Multifunctional Biomaterials for Musculoskeletal Tissue Regeneration*

2:30 pm – 4:00 pm

Oregon Ballroom 204

### Decoding the Human Face: Dissecting the Mechanisms Underlying Human Craniofacial Forms

**Chair:** **Licia Selleri** (University of California, San Francisco)

- **Justin Cotney** (Children's Hospital of Philadelphia)  
*Long Range Gene Regulation of the Developing Human Face*
- **Sahin Naqvi** (Boston Children's Hospital and Harvard Medical School)  
*Decoding Transcriptional Dosage Sensitivity in Craniofacial Development and Disease*
- **Licia Selleri** (University of California, San Francisco)  
*Morphogenetic Processes Underlying Face Development in Mice and Humans*



# SATURDAY, MARCH 29

2:30 pm – 4:00 pm

Oregon Ballroom 203

## The Many Faces of Leadership: How the DELTA Program Created Opportunities for AAA and Beyond

**Chair: Eustathia Lela Giannaris**  
(UMass Chan Medical School)

- **Rebecca S. Lufler** (Tufts University School of Medicine)  
*Leading the Way: A Guided Path to Advancement*
- **Kerrie Lashley** (George Washington University)  
*Which Way Is UP?*
- **Laura Skinner** (SUNY Cobleskill)  
*Dare to Be Me*
- **Lisa M.J. Lee** (University of Colorado, School of Medicine)  
*Unleashing Potential: DELTA Mentoring and the Evolution of a Symbiotic Mentoring Network*

2:30 pm – 4:00 pm

Oregon Ballroom 201-202

## Preparing Future Faculty as Educators in Anatomy and Beyond: Challenges and Opportunities

**Chairs: Lauren Easterling** (Indiana University School of Medicine) and **Jessica Byram** (Indiana University School of Medicine)

- **Colleen Garnett** (University of Alabama at Birmingham)  
*Anatomist Shortage: Preparing Future Anatomy Educators via an Anatomy Education PhD Program*
- **Lauren Easterling** (Indiana University School of Medicine)  
*Combining Co-Curricular and Curricular Approaches to Prepare Any Life Science Future Faculty for Teaching Roles and Responsibilities*

- **Darren Hoffmann** (University of Iowa Carver College of Medicine)  
*Beyond Your Institution: Developing as a Teacher Across an International Network*

4:15 pm – 5:15 pm

Oregon Ballroom 201-202

## Keynote Speaker: Carl Zimmer



5:15 pm – 7:30 pm

Exhibit Hall B

## Posters and Exhibits

7:15 pm

Room A105-106

## Documentary Screening of Donated to Science

This film follows a group of individuals who donate their bodies to the University of Otago Medical School for students to dissect. The donors and students gave permission to follow their amazing journey. The donors are interviewed while they are still alive. The viewers are there when the students meet the deceased donor for the first time, when they make their first cut, and when they say their final goodbyes. It might sound morbid, but this documentary is anything but... it is funny, moving and life affirming. <https://vimeo.com/ondemand/donatedtoscience/>

Please join your AAA colleagues as we watch this documentary and then comment on its place in a discussion about public engagement with anatomy. We look forward to seeing you there.

Stay Connected

Follow us on Social Media

Tag us and use the hashtag  
#anatomy25

**BlueSky Social**  
@anatomyorg.bsky.social

**Facebook**  
q-rto/AAAFB

**Instagram**  
@anatomyorg

**X**  
@anatomyorg

**LinkedIn**  
q-rto/AAALinkedIn

## SUNDAY, MARCH 30

7:30 am – 8:15 am

Room B110-112

## Coffee with the President

8:30 am – 10:00 am

Room A105-106

## The Dental Follicle: A Driver of Integrated Variation at the Tooth-Jawbone Interface

Co-sponsored by Developmental Dynamics

**Chairs:** **Julia Boughner** (University of Saskatchewan) and **Valerie DeLeon** (University of Florida)

- **Ann Huysseune** (University of Ghent, Belgium)  
*The Dynamic Tooth-Bone Interface in Zebrafish*
- **Wanida Ono** (The University of Texas)  
*The Dental Follicle: A Central Regulator of Tooth Root Formation and Regeneration*
- **Jan Krivanek** (University of Brno)  
*Mechanosensing in the Control of Tooth Development, Growth and Repair*

8:30 am – 10:00 am

Oregon Ballroom 204

## Cardiac Development, Disease and Regeneration

**Chair:** **Jun Wang** (The University of Texas Health Science Center at Houston)

- **Vincent M. Christoffels** (Amsterdam University Medical Center)  
*PITX2-induced Sinus Node Malformation, Dysfunction and Arrhythmia*
- **Xi Fang** (University of California, San Diego)  
*Dietary linoleic acid supplementation ameliorates cardiomyopathy in Barth syndrome*
- **James Martin** (Baylor College of Medicine)  
*Hippo Signaling in Cardiac Regeneration*

8:30 am – 10:00 am

Oregon Ballroom 201-202

## Education Platform Session #2

**Chair:** **Izuchukwu Azuka Okafor** (UMass Chan Medical School)

- **David Gonsalvez** (Monash University)  
*Examiner Bias and Leniency in Authentic Assessment: Novel Ways to Identify and Eliminate It*
- **Megan Kruskie** (Indiana University School of Medicine)  
*Pre-lab Dissection Summary Video Viewing Predicts Individual Student and Cohort Performance Outcomes in Gross Anatomy*
- **Jessica Byram** (Indiana University School of Medicine)  
*The Peer Evaluation Tool: A Concurrent Validity Assessment*
- **Eva Mannino** (Indiana University School of Medicine – Bloomington)  
*Assessing Integration of Lecture and Laboratory Content in Undergraduate Anatomy: Performance on Laboratory Exam Across Question Levels, Topics, and Modalities*
- **Assaf Marom** (Israel Institute of Technology)  
*Bridging the Gap: Integrating Physical Examination into Anatomy Education for Early Clinical Skill Development*
- **Wouter Willaert** (Ghent University)  
*Boosting Anatomical Knowledge with Echocardiography and Videos, Focusing on Cognitive Load, Self-efficacy, and Motivation*

AMERICAN ASSOCIATION FOR ANATOMY

**Our World-Class Family of Journals**

BOOTH 308

**Did you know that AAA's activities and journals are an investment in the professional growth of scientists and educators?**

The Anatomical Record, Anatomical Sciences Education, and Developmental Dynamics play a critical role in the presentation of rigorously reviewed content while creating international momentum for early-career researchers through visibility and training for editorial roles. The journals also help to fund the many amazing resources offered by AAA.

AR ASE DD



## SUNDAY, MARCH 30

10:00 am – 10:30 am

Exhibit Hall B

## Networking Break and Exhibits

10:30 am – 12:00 pm

Room A105-106

## The Dental Follicle: A Driver of Integrated Variation at the Tooth-Jawbone Interface, Part 2 – Posters &amp; Discussion

Co-sponsored by Developmental Dynamics

Chair: **Tim Smith** (Slippery Rock University)

10:30 am – 12:00 pm

Oregon Ballroom 204

## Sensory Neuron Development and Dysfunction: Focus on Trigeminal Development and Pain

Chair: **Kristin Artinger** (University of Minnesota)

- **Man-Kyo Chung** (University of Maryland at Baltimore)  
*Trigeminal Nociceptors: Neural Intersection of Chronic Pain and Alveolar Bone Remodeling*
- **Helen Lai** (University of Texas Southwestern Medical Center)  
*Nociceptor Development and Maintenance*
- **Antonio Balducci** (Virginia College of Osteopathic Medicine)  
*Determining the Prevalence of the Neuroanatomical Sensory Elements of the C1 Spinal Level: A Systematic Review and Meta-analysis*
- **Anna Brant** (University of Washington)  
*Cross-sectional Area of the Maxillary Canal Suggests Acutely Developed Facial Sensation in Gorgonopsians*

10:30 am – 12:00 pm

Oregon Ballroom 203

## Form &amp; Function Platform Session

Chair: **Casey Holliday** (University of Missouri)

- **Eric Snively** (Oklahoma State University)  
*Fleshed-out Mass Properties and Accelerations of the Head of Tyrannosaurus Rex*

- **Zachary Morris** (Natural History Museum of Los Angeles County)  
*Osteological Correlates and Developmental Origins of the Palatal Soft Tissues and Nasal Passage in Amniotes*
- **Brigid Connelly** (University of Louisville)  
*The Snout and Nasal Cavity of the Basal Mammal Fruitafossor: Regional Anatomy and Ecological Implications*
- **Brian Beatty** (New York Institute of Technology College of Osteopathic Medicine)  
*Enthesis Surface Complexity in Varanids Differ with Species, Body Size, and Ecology*
- **Alec Wilken** (University of Chicago)  
*What Good Is a Halfway Ear? Auditory Biomechanics in Thrinaxodon*
- **Sarah Bergren** (USC, Keck School of Medicine)  
*Effects of Non-linear Locomotion on Bone Structure in Mice: Insights from a Whole-bone Approach*

10:30 am – 12:00 pm

Oregon Ballroom 201-202

## One Curriculum, Many Campuses: Ensuring Quality and Equity in Anatomy Education

Chairs: **Kenneth Kramer** (Creighton University) and **Margaret A. McNulty** (Indiana University School of Medicine)

- **Barbara Barzansky** (American Medical Association)  
*Operationalizing Accreditation Expectations for Comparability in Anatomy Education*
- **Kenneth Kramer** (Creighton University)  
*Team-Based Learning and Ungraded Assessments as Strategies for Pre-clerkship Anatomy Comparability Across Campuses*
- **Randy Kulesza** (Lake Erie College of Osteopathic Medicine)  
*Human Anatomy at Lake Erie College of Osteopathic Medicine: Ensuring Success Across Campuses, Pathways and Learners*

12:00 pm – 1:30 pm

## Lunch Break

Continues on next page.

## SUNDAY, MARCH 30

12:15 pm – 1:15 pm

Room B113-116

**Networking Lunch & Learn: Let's Talk about Sex and Gender in the Anatomical Sciences: Current Practices, Barriers, and Goals***Facilitators:*

**Ellis Locke** (Idaho College of Osteopathic Medicine), **Edgar Meyer** (University of Mississippi Medical Center), **Theodore Smith** (Touro University – California College of Osteopathic Medicine)

In this session, we focus on three questions: 1) How do anatomists, anatomy educators, and researchers currently present sex and gender in their work?; 2) What barriers to implementing more inclusive practices regarding sex and gender do anatomists, anatomy educators, and researchers currently encounter?; and 3) How can AAA provide organizational support to members in their teaching, research, and/or anatomical gift/willed body donation programmatic goals pertaining to sex and gender?

The objective of this session is not to present a set of standards, but to start a conversation about current practices and needs of our colleagues regarding sex and gender in the classroom, the lab, and beyond.

**Box lunch is available to the first 60 attendees. First come, first served.**

1:30 pm – 3:00 pm

Room A105-106

**Cell-cell Junctions in Tissue Morphogenesis and Disease**

*Chair:* **Scott Williams** (University of North Carolina)

- **Cory Simpson** (University of Washington)  
*Desmosome Dysfunction in Genetic Skin Blistering Diseases: From Bedside to Bench and Back*
- **Kaelyn Sumigra** (Yale School of Medicine)  
*Cell Matrix in Intestinal Crypt Morphogenesis*
- **Scott Williams** (University of North Carolina)  
*The Role of Nectin-based Junctions in Oral Epithelial Morphogenesis and its Relevance to Cleft Lip and Palate*

1:30 pm – 3:00 pm

Oregon Ballroom 204

**Just Another Hole in the Wall: The Origin, Function and Loss of Temporal Fenestrae in Sauropsida**

*Chair:* **Tomasz Owerkowicz** (California State University, San Bernardino)

- **Breanna Alexis Ramirez** (California State University, San Bernardino)  
*Are Dorsal Temporal Fenestrae Thermal Windows for Brain Temperature Control in Crocodylians?*
- **Masayoshi Tokita** (Toho University, Japan)  
*Turtle Skull Development Unveils a Molecular Basis for Amniote Cranial Diversity*
- **Susan Evans** (University College London)  
*The Lepidosaurian Lower Temporal Region – Losses or Gains?*



## Code of Conduct Policy & Reporting

The American Association for Anatomy (AAA) is committed to providing a professional, inclusive, welcoming, and safe environment free from any kind of harassment and discrimination.

If you experience or observe any form of harassment which violates the Code of Conduct Policy, you are encouraged to report your experience or observation via this confidential and anonymous third party online portal.

learn more or  
report an incident





## SUNDAY, MARCH 30

1:30 pm – 3:00 pm

Oregon Ballroom 203

### Power Dynamics in The Ivory Tower: Unveiling Abuse in Academic Relationships

**Chairs:** **Stefanie Attardi** (Oakland University William Beaumont School of Medicine) and **Victoria Roach** (University of Washington)

- **Zoe Ross-Nash** (Ponce Health Sciences University)  
*Abuse in Academia*
- **Carlos Tarin** (The University of Texas at El Paso)  
*Demystifying Misconduct in Academia: A Critical Organizational Approach*
- **Elizabeth Odders-White**  
*Exploring Pathways to Peace: Caring for Ourselves and Others Experiencing Academic Trauma*

1:30 pm – 3:00 pm

Oregon Ballroom 201-202

### Education Platform Session #3

**Chair:** **Helen Kaiser** (University of South Carolina School of Medicine Greenville)

- **Sarah Keim** (University of Kansas Medical Center)  
*Essential, Clinically Relevant Anatomy for Physical Therapy Education*
- **Taylor Wyatt** (The Ohio State University)  
*Current State of Ear Anatomy in Anatomical Sciences Education*
- **Cory Buenting Gritton** (University of Colorado Anschutz Medical Campus)  
*GASP! a Survey of Master's-level Graduate Anatomical Science Program Goals, Expectations, and Job Placement*
- **Nicholas Hindy** (College of Charleston)  
*Enhancing Neuroanatomy Education Through Connectivity-based Instruction*
- **Pilard Hanna** (The Ohio State University, College of Medicine)  
*Evaluating Anatomy Education and the Demand for Anatomy Refresher Courses in Dental Residency Programs: A National Survey*
- **Hannah Herriott** (Regis University)  
*Creating a Clinically-oriented Dissection Project for Doctor of Physical Therapy Students: A Mixed Methods Study*

3:00 pm – 3:30 pm

Exhibit Hall B

### Networking Break and Exhibits

3:30 pm – 5:00 pm

Room A105-106

### Cell Biology Award Symposium

**R.R. Bensley Award in Cell Biology Lecture featuring 2025 Early-Career Investigator Award Recipient Katheryn Rothenberg**

**Chair:** **Christopher M. Smith** (American Museum of Natural History)

- **Katheryn Rothenberg** (University of Iowa)  
*Dissecting the Roles and Regulators of Cell Adhesions during Collective Epithelial Migration*
- **Emma Retzlaff** (SUNY Upstate Medical University)  
*Investigating the Role of Mechanical Forces on Left-right Organizer Morphogenesis*
- **Varsha Manikandan** (Kirkville Senior High School)  
*Evaluating BMX-001 Efficacy: A SOD2 Mimetic Approach to Mitigate Myocardial Ischemia-reperfusion Damage*
- **Alison Camero** (University of Nebraska Medical Center)  
*The Negative Regulation of PR55a-controlled PP2A by the p53 Tumor Suppressor*
- **Brittany Hufft-Martinez** (University of Kansas Medical Center)  
*Proteomic Profiling of Wild-type and specc11 Mutant Palatal Shelves Reveal Novel Defects in Vesicle Transport, Mitochondrial Function, and Metabolism*



3:30 pm – 5:00 pm

Oregon Ballroom 204

### Each One More Heritable Than The Last: Quantitative Genetics of Homologous Structures

**Chairs:** **Anna Hardin** (Western University of Health Sciences) and **Catherine Llera Martin** (Western University of Health Sciences)

*Continues on next page.*

## SUNDAY, MARCH 30

- **Catalina Villamil** (University of Puerto Rico – Medical Sciences Campus)  
*Heritability and Evolution in the Primate Vertebral Column: Insights from the Cayo Santiago Macaques*
- **Arthur Porto** (University of Florida)  
*Computer Vision and the Genetic Dissection of Complex Traits*
- **Alan Love** (University of Minnesota)  
*Integrating Quantitative and Qualitative Aspects of the Genetic Architecture of Homologous Characters*

3:30 pm – 5:00 pm

Oregon Ballroom 203

**Master Class – The Integumentary System – It's Not just Skin Deep!**

*Co-sponsored by Developmental Dynamics, The Anatomical Record and Anatomical Sciences Education*

**Chair: Jennifer Dennis** (Kansas Health Science Center)

- **Tamara Franz-Odenaal** (Mount St. Vincent University)  
*A Deep Dive into Skin Development*
- **Catherine Williams** (Aarhus University)  
*Stiff and Unorganised: A Different Way of Being Hard, Found in Lizard Osteoderms*
- **Paul Dalton** (University of Oregon)  
*Advanced Biofabrication Technologies to Reconstruct Native Tissue Ultrastructure*

3:30 pm – 5:00 pm

Oregon Ballroom 201-202

**Mastering Qualitative Methods: Field Observations, Reflective Diary Entries, Focus Groups & Interviews**

**Chair: Ahdeah Pajooresh-Ganji** (The George Washington University)

- **Kyle Robertson** (Indiana University)  
*Effective Use of Observational Techniques*
- **Georgina Stephens** (Monash University)  
*Exploring Participants' Experiences Through Diary Entries*
- **Jonathan Wisco** (Boston University)  
*Interviewing and Focus Group techniques that Foster Engaging Discussions*

5:00 pm – 7:00 pm

Exhibit Hall B

**Posters and Exhibits**

7:00 pm

Room B113-116

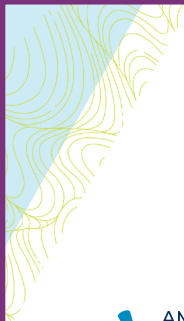
**Trivia Night**


*Hosted by the Ambassador Committee*

**Join us for an evening of fun and friendly competition.**

Teams consist of no more than 5 members and should be comprised of people you know and don't know – make some connections!

*Prizes will be given to the top team.*






## SAVE THE DATE

# AAA Regional Meeting: Paleo Connected

University of Missouri School of Medicine  
Columbia, MO | October 3-4, 2025

*More details and registration to come.*



AMERICAN  
ASSOCIATION FOR

ANATOMY



# MONDAY, MARCH 31

8:30 am – 10:00 am

Room 105-106

## Craniofacial Biology Platform Session

**Chair: Justin Cotney** (Children's Hospital of Philadelphia)

- **Frederick Foster** (Pennsylvania State University)  
*Postdoctoral Platform Presentation Award Finalist*  
*Secondary Cartilage and the Cellular Mechanisms of Dentary Bone Growth*
- **Nicha Tokavanich** (UTHealth Houston School of Dentistry)  
*Postdoctoral Platform Presentation Award Finalist*  
*Ablation of CD200 Mitigates the Primary Failure of Eruption Phenotype in Mice*
- **Courtney Miller** (University of North Texas Health Science Center)  
*Langman Graduate Student Platform Presentation Award Finalist*  
*Early Weaning Impacts Craniofacial Development in Osteogenesis Imperfecta*
- **Elizabeth Jewlal** (Johns Hopkins University)  
*Site-specific Mechanoadaptive Responses of Non-sutural Cranial Osteoblasts*
- **Soma Dash** (University at Alabama)  
*Mediator Complex Subunit, Med23 Links Vasculature and Bone Differentiation during Craniofacial Development*
- **Cristina Goes Schaurich** (University of British Columbia)  
*Allometry of Human Calvaria during Early Development Gives Insight into Growth Dynamics and Directionality of Suture Closure*

8:30 am – 10:00 am

Oregon Ballroom 204

## Developmental Biology Award Symposium

**H.W. Mossman Award in Developmental Biology Lecture featuring 2025 Early-Career Investigator Award Recipient Michael Piacentino**



**Chair: Keely Cassidy** (University of Nebraska Medical Center)

- **Michael Piacentino** (Johns Hopkins University)  
*Lipid Managers in Craniofacial Development: From Neural Crest Migration to Placode Specification*
- **Anjali Yadav** (All India Institute of Medical Sciences)  
*Langman Graduate Student Platform Presentation Award Finalist*  
*Expression of HMGB1 and RAGE in Placenta, Highlighting Their Role in Preeclampsia*
- **Janine Ziermann-Canabarro** (Howard University College of Medicine)  
*A Potential New Role for Gbx2 in Kidney Development*
- **Jean Young Kim** (Loma Linda University)  
*A Single Base Pair Variation in an E-Box of an LHX9-associated cis-Regulatory Module Shifts Species-specific Activity during Limb Development*
- **Makena Phillips** (Oregon Health and Science University)  
*Disrupted Genetic Pathways Affect Biophysical Forces and Structure of the Developing Heart*

8:30 am – 10:00 am

Oregon Ballroom 203

## Reaching New Horizons: Managing Transitions in Academic Careers

**Chairs: Jennifer Eastwood** (Rush University) and **James Proffitt** (University of Arizona College of Medicine)

- **Cynthia Brown** (LSUHSC School of Medicine)  
*Transitioning Between Professional Roles*
- **Kimberly Latacha** (University of Nebraska Medical Center)  
*Managing Transitions in Personal Life*
- **Mark Hankin** (Oregon Health & Science University)  
*Navigating the Transition into Retirement*

## MONDAY, MARCH 31

8:30 am – 10:00 am

Oregon Ballroom 201-202

**Plastination: Revisiting an Established Procedure in a New Curricular Age****Chair: Bill Frank** (Drexel University College of Medicine)

- **Stuart Inglis** (University at Buffalo – Jacobs School of Medicine and Biomedical Sciences)  
*So, You Wanna Build a Plastination Studio; Design and Execution*
- **Laurice D. Nemetz** (Pace University)  
*From Écorchés to Modern Plastination: The Visual History*
- **Maureen Estevez Stabio** (University of Colorado Anschutz School of Medicine)  
*Dignity in the Details: Ethical Considerations of Plastinates in Teaching*

10:00 am – 12:30 pm

Exhibit Hall B

**Posters and Exhibits**

12:15 pm – 1:30 pm

**Lunch Break**

12:15 pm – 1:15 pm

B113-116

**Networking Lunch & Learn: Navigating Difficult Conversations in the Workplace**

As colleagues who are aiming to build and maintain a positive and productive work environment, we are occasionally faced with the need to have a conversation that we anticipate will be difficult or uncomfortable. This may be with students who they are teaching or mentoring, colleagues with whom they are teaching or collaborating, and even those to whom they answer in some capacity. This interactive session will present attendees with evidence-based practices for handling difficult conversations that may be encountered in the workplace. Participants

will leave this session equipped with strategies to implement and pitfalls to avoid in future difficult conversations.

*Box lunch is available to the first 60 attendees. First come, first served.*

12:15 pm – 1:15 pm

Room A105-106

**Bioethics Unicorns Meet & Greet**

1:30 pm – 3:00 pm

Room A105-106

**Clinical Anatomy Lightning Talks**

**Chairs: Sabrina Woods** (Indiana University School of Medicine) and **Joshua Krech** (The Ohio State University College of Medicine)

- **Sid H. Osborn** (Central Michigan University College of Medicine)  
*Anatomical Findings of Kartagener Syndrome Case Discovered During Routine Cadaveric Dissection*
- **Robert Hill** (Hofstra University)  
*Variants of Palmaris Longus, Radial Artery, and Median Nerve as Potential Sources of Pain*
- **Joseph Quick** (Cleveland Clinic Lerner College of Medicine)  
*Integrating Mixed Reality for DIEP Flap Vessel Mapping: Advancing Anatomical Education and Surgical Planning with Consumer-based Technologies*
- **James Graham** (Frank H Netter MD School of Medicine at Quinnipiac University)  
*Exploring Interprofessional Collaboration in Anatomy Education: A Case of Presumed Neuroendocrine Tumor with Atypical Findings*
- **Ishan Patel** (Albany Medical College)  
*Anatomical Variations of the Trigeminal Nerve with Respect to Trigeminal Neuralgia*
- **Renmart Buhay** (University of British Columbia)  
*Development of a Three-dimensional Animation for Improved Understanding of Shoulder Dystocia during Labor and the Most Efficacious Maneuvers for Resolution*
- **Emily Cushing** (Ohio University Heritage College of Medicine)  
*A Case of Variant Anatomy in a Patient with a Solitary Scrotal Kidney*

## MONDAY, MARCH 31

- **Emily Dickinson** (Florida International University Herbert Wertheim College of Medicine)

*Advancing Medical Education: Training in Abdominal Hysterectomy and Pelvic Lymph Node Exploration Using Formaldehyde-preserved Cadavers*

- **Cambria Kasten** (Western University)  
*Cadaveric Dissection & Comparative Anatomy: Preservation of Male-to-female Gender Affirming Surgery*

1:30 pm – 3:00 pm

Oregon Ballroom 204

### Deep Time Perspectives on Bone Remodeling and Regeneration

**Chair: Thomas A. Stewart** (Penn State University)

- **Yara Haridy** (The University of Chicago)  
*Evolutionary Origin of Bone Remodeling*
- **Thomas A. Stewart** (Penn State University)  
*Skeletal Plasticity in Fish Fins: How Swimming Shapes Bone*
- **Igor Schneider** (Louisiana State University)  
*Shared Molecular Mechanisms of Fin and Limb Regeneration*

1:30 pm – 3:00 pm

Oregon Ballroom 203

### Developmental Neurobiology: Connectivity is Essential for Function in Development and Disease!

**Chair: Angelo Iulianella** (Dalhousie University)

- **Xiangmin Xu** (University of California, Irvine)  
*Connectivity in CNS Development, Plasticity and Disease*
- **Naomi Tjaden** (Children's Hospital of Philadelphia)  
*Getting to the Guts of Enteric Nervous System Formation and Function*
- **Alexandria Anding** (University of Nebraska Medical Center)  
*Functional Analysis of Human Interlaminar Astrocytes Following Development in the Mouse Cortex*

- **Abigail Kucera** (University of Colorado Anschutz Medical Campus)  
*Chronic in vivo Imaging to Define Age-dependent Alterations in Oligodendrogenesis*

1:30 pm – 3:00 pm

Oregon Ballroom 201-202

### Highlighting "Community" in Community Outreach

**Chair: Dana Peterson** (Drexel University College of Medicine)

- **Mary Piscura** (Edward Via College of Osteopathic Medicine)  
*Community Partnerships Between High Schools, Undergraduate Institutions and Graduate Healthcare Institutions: The Anato-Bee*
- **Ralia Vardaxis** (Reading Science Center)  
*Community Partnerships with Regional Science Centers: Sisters-in-Stem and Celebrate Science Day*
- **Russell Engle** (Reading Hospital School of Health Sciences)  
*Community Partnerships with Regional Healthcare Educational Institutions: IPE "Ripple Effect"*

3:00 pm – 3:30 pm

### Networking Break

**ENGAGE AND LEARN.**

Check out the webinars and resources on our brand **new** **Learning Hub** today!




Continues on next page.



## MONDAY, MARCH 31

3:30 pm – 5:00 pm

Room 105-106

**Comparative Anatomy Platform Session****Chair: Matthew Vickaryous** (University of Guelph, Ontario Veterinary College)

- **Bruce Young** (Kirkville College of Osteopathic Medicine)  
*The Cribiform Region Is a Source of CSF Loss in Crocodilians*
- **Aracely Martinez** (Louisiana State University Health Sciences Center New Orleans)  
*The Impacts of Obesity on the Avian Respiratory System*
- **Jordan Golden** (Midwestern University)  
*Anatomical Homologies of Body Wall Layers in the Python Bivittatus and Other Tetrapods*
- **Todd L. Green** (NYITCOM)  
*The Practical Utility of UV Biofluorescence in the Casques of Cassowaries*
- **Misty Haji Sheikh** (Northern Illinois University)  
*Face to Face: Insights on the New Homotherium Cub Mummy and Smilodon Fatalis*
- **Samantha Yawitz** (University of California, Berkeley)  
*Changes in Neural Structure as a Result of Endocranial Shape Variation*

3:30 pm – 5:00 pm

Oregon Ballroom 204

**Signaling Hubs: Patterning Placodes in Development****Chair: Tamara Franz-Odenaal** (Mount Saint Vincent University)

- **Casey Griffin** (New York University College of Dentistry)  
*Placodal Signaling in Vivo and In Vitro*
- **James Glover** (Roslin Institute, Edinburgh)  
*Periodic Patterning of Cutaneous Placodes in Mammalian Skin*
- **Aveeva Herold** (Mount Saint Vincent University)  
*Placodes in the Avian Embryonic Eye: Inducing Bone Formation*
- **Karyn Jourdeuil**  
*The Transcription Factor ZMYM4 Is Expressed in Otic Neuronal Precursors and Spiral Ganglion Neurons*

3:30 pm – 5:00 pm

Oregon Ballroom 201-202

**Neurobiology Award Symposium****C.J. Herrick Award in Neuroanatomy Lecture featuring 2025 Early-Career Investigator Award Recipient Shan Meltzer****Chair: Smart Mbagwu** (Nnamdi Azikiwe University)

- **Shan Meltzer** (Vanderbilt Brain Institute)  
*Molecular and Cellular Mechanisms of Mammalian Touch Circuit Assembly*
- **Aitana Gonzales** (University of Colorado Anschutz Medical Campus)  
*Comparing Ocrelizumab and Rituximab Effectiveness in the Treatment of Multiple Sclerosis*
- **Gabriel Davis** (Penn State College of Medicine)  
*Langman Graduate Student Platform Presentation Award Finalist*  
*Assessing an Environmental Model of Vagally-dependent Parkinsonism and Cognitive Deficits Associated with Lewy Body Dementia*
- **Theresa Christiansen** (University of Chicago)  
*Innervation-dependent Postembryonic Development of the Zebrafish Anterior Lateral Line System*
- **Alexandria Ostman** (Penn State College of Medicine)  
*Pancreatic Peptide Receptors in the Midbrain Control Susceptibility to Stress in Mice*



3:30 pm – 5:00 pm

Oregon Ballroom 201-202

**Education Platform Session #4****Chair: Chelsea Lohman** (University of Colorado School of Medicine)

- **Victoria Gomez** (Indiana School of Medicine)  
*Evaluation of a Point-of-care Ultrasound Active Learning Module for High School Student Outreach*
- **Alexandra Wink** (University of Massachusetts T.H. Chan School of Medicine)  
*Pilot Investigation of the Accuracy of Anatomical Information in Google AI Overviews*

## MONDAY, MARCH 31

- **Grace Powderly** (A.T. Still University – KCOM)  
*Student Perspectives on the Utilization of Social Media in Anatomy Medical Education*
- **Adam Taylor** (Lancaster Medical School)  
*Flatlining – Anatomical Knowledge in US Healthcare Professions*
- **William Brooks** (University of Alabama at Birmingham)  
*Games and Tech and Learning, Oh My! Applying Gamification and Technology to Enhance Learning in a Foundational Medical Science Course*
- **Philip Fabrizio** (PCOM Georgia)  
*Perceptions of a Novel Card Game to Reinforce Musculoskeletal Clinical Anatomy Knowledge in Doctor of Physical Therapy (DPT) Learners*

5:15 pm – 5:45 pm

Room A105-106

### Henry Gray Scientific Award Lecture

**Paul Trainor** (Stowers Institute for Medical Research)



5:45 pm – 6:15 pm

Room A105-106

### Henry Gray Distinguished Educator Award Lecture

**Claudia Krebs** (University of British Columbia)



6:15 pm – 6:30 pm

Room A105-106

### A.J. Ladman Exemplary Service Award Lecture

**Richard Drake** (Cleveland Clinic Lerner College of Medicine – Emeritus)



7:30 pm – 9:30 pm

Hyatt Regency Portland, Regency Ballroom, Level Two

### Closing Awards Ceremony Dinner

Pre-purchased tickets only.





**AWARD APPLICATIONS ARE OPEN! GAIN THE FUNDING YOU NEED.**

Deadline is April 18.



# Governance Meetings

THURSDAY, MARCH 27

12:30 pm – 5:30 pm

**Board of Directors Meeting\***

FRIDAY, MARCH 28

8:30 am – 4:30 pm

**Board of Directors Meeting\***

SATURDAY, MARCH 29

7:30 am – 8:30 am

**AAA Committee Chairs Meeting\***

*Room A107*

12:15 pm – 1:15 pm

**Committee for Early Career Anatomists\***

*Room A104*

12:15 pm – 1:15 pm

**Educational Affairs Committee\***

*Room A107*

12:15 pm – 1:15 pm

**Ethics Committee\***

*Room A103*



SUNDAY, MARCH 30

12:15 pm – 1:15 pm

**Committee for Early Career Anatomists\***

*Room A104*

12:15 pm – 1:15 pm

**Ambassador Committee\***

*Room A107*

12:15 pm – 1:15 pm

**Diversity, Equity, and Inclusion Committee\***

*Room A108*

12:15 pm – 1:15 pm

**Publications Committee\***

*Room A103*

MONDAY, MARCH 31

7:15 am – 8:15 am

**Professional Development Committee\***

*Room A107*

12:15 pm – 1:15 pm

**Committee for Early Career Anatomists\***

*Room A104*

12:15 pm – 1:15 pm

**Human Body Donation Committee\***

*Room A107*

12:15 pm – 1:15 pm

**Scientific Affairs Committee\***

*Room A103*

*\*Invitation Only*



# What's Happening in the Exhibit Hall

## Poster Sessions

Take time to visit the posters and exhibitors in Exhibit Hall B.

Virtual posters are also available in the online program and app. Go to the app for a detailed list of all the posters, including abstracts, poster numbers, authors, and titles. AAA has separate poster presentation times for odd and even posters.

Odd poster #s: first hour • Even poster #s second hour.

### SATURDAY, MARCH 29

Display Hours: 10:00 am – 7:30 pm

Presentation Time: 5:15 pm – 7:15 pm

Odd poster #s: 5:15 pm – 6:15 pm

Even poster #s: 6:15 pm – 7:15 pm

#### List of Categories

- Anatomical Sciences
- Cell Biology
- Diet, Feeding Systems, and Form
- Ears
- Education (Descriptive)
- Education: Assessment, Curriculum & Mentoring
- Education: Teaching Methods and Innovations
- Imaging
- Locomotion and Skin Receptors
- Neurobiology



**Use the Anatomy  
Connected 25 app to  
find posters and see  
an exhibitor list.**

### SUNDAY, MARCH 30

Display Hours: 10:00 am – 7:00 pm

Presentation Time: 5:00 pm – 7:00 pm

Odd poster #s: 5:00 pm – 6:00 pm

Even poster #s: 6:00 pm – 7:00 pm

#### List of Categories

- Bones, Cartilage, and Teeth
- Comparative Morphology
- Developmental Biology
- Education: Clinical Based Approaches
- Education Research: General
- Form, Function, and Evolution
- History and Ethics
- Human Skull Shape
- Outreach

### MONDAY, MARCH 31

Display Hours: 10:00 am – 12:30 pm

Presentation Time: 10:15 am – 12:15 pm

Odd poster #s: 10:15 am – 11:15 am

Even poster #s: 11:15 am – 12:15 pm

#### List of Categories

- Anatomical Sciences Research
- Anatomical Variations
- Cardiovascular Biology
- Education: Technology-Assisted Learning
- Education: Undergraduate Education
- Stem Cells, Tissue Engineering, and Regeneration

# Sponsored Sessions Schedule

## SATURDAY, MARCH 29

12:15 pm – 1:15 pm

Education Theater Booth 600

### Enhancing Anatomy Education with the VH Dissector: Unlocking the Power of XR for Group Learning

Sponsored by  **toltech**

**Presenter:** **Jake Shearer**, Product Manager, Touch of Life Technologies

Join us to explore practical use cases and best practices for incorporating XR technology into anatomy education. We will showcase how the VH Dissector XR enhances group learning by enabling students to interact with digital cadavers, cross-sectional anatomy, and high-resolution 3D scanned dissections—all seamlessly integrated with a learning management system. See how this innovative workflow bridges the gap between lectures, labs, and clinical practice, fostering a deeper understanding of anatomy in an engaging, collaborative environment.

5:30 pm – 6:00 pm

Education Theater Booth 600

### Introducing Pathtraker Donor Management & Expanded Capabilities

Sponsored by  **PATHTRAKER**  
DECEDENT MANAGEMENT TRANSFORMED

**Presenter:** **Miguel Bermeo**, CEO, Scimedico, LLC

Provide a concise overview of Pathtraker's donor management capabilities, alignment with AAA best practices, and new expanded features, including PathStand Mobile, Curriculum functionality, and Scimedico's role as – SPOT's North American distributor.

6:15 pm – 6:45 pm

Education Theater Booth 600

### How Dutch medical universities created a smart dissection room

Sponsored by  **enatom**

**Presenters:** **Yourik van Overloop**, DO, Msc in Anatomy, Amsterdam University Medical Center, Enatom and **Lusanne Tehupuring**, CEO, Enatom

Dutch universities have revolutionized the traditional dissection room with Enatom. This platform provides access to over 100 highly detailed, photogrammetry-based 3D scans of real human bodies, accessible on many devices including VR/AR.

Mr. Yourik van Overloop, anatomy teacher at the Amsterdam University Medical Centre (The Netherlands) will explain how these universities have created a “smart” dissection room that enhances student engagement and improves the learning experience and learning outcomes.

## SUNDAY, MARCH 30

12:15 pm – 1:15 pm

Education Theater Booth 600

### Pathtraker | Donor Management Transformed

Sponsored by  **PATHTRAKER**  
DECEDENT MANAGEMENT TRANSFORMED

**Presenter:** **Miguel Bermeo**, CEO, Scimedico, LLC

This 60-minute presentation introduces Pathtraker, a comprehensive donor management system designed to enhance compliance, security, and operational efficiency for anatomic gift programs and medical schools. The session covers Pathtraker's core features, including donor record management, HIPAA-compliant data handling, real-time location tracking, disarticulation tracking, and automated compliance reporting.

A key focus is Pathtraker's alignment with AAA Donor Management Best Practices, demonstrating how the platform ensures ethical donor tracking, chain of custody management, and regulatory compliance.

Additionally, the session highlights new expanded capabilities, including:

- PathStand Mobile for real-time donor tracking and accessibility,
- The launch of Curriculum Functionality to support donor program education, and
- Scimedico's role as the North American distributor for SPOT Imaging, expanding service and product availability.

The demo concludes with an extended Q&A session, allowing participants to explore Pathtraker's impact on their institutions and discuss implementation opportunities.

**5:15 pm – 5:45 pm**

*Education Theater Booth 600*

### Let Lt Create Your Ideal Lab

**Sponsored by**  **ADINSTRUMENTS**  
making science easier

**Presenters:** **Jessica Nguyen**, Education Applications Specialist, ADInstruments and **Sierra Hammond**, Education Applications Specialist, ADInstruments

What's Lt? An online content delivery platform designed for student labs and used by anatomy and physiology instructors in 175 institutions across the US. Lt incorporates over 300 accurate, customizable and interactive lessons. With the ability to collect live data, grade student progress, and review

classroom analytics, our goal is to engage students with hands-on lab activities. Spend some time checking out all Lt has to offer as we demonstrate part of our Cardiovascular Anatomy Model and Physiology Labs.

**6:00 pm – 6:30 pm**

*Education Theater Booth 600*

### Transforming anatomy education with customizable 3D models, tours, and assessment

**Sponsored by**  **Wolters Kluwer**

**Presenters:** **Debbie Schmidt**, MS, MSHAPI, Course Development Specialist, Wolters Kluwer Health and **Jonathan Wisco**, Boston University School of Medicine

This session will explore diverse experiences in adopting and integrating BioDigital's solution within the anatomy curriculum. It will cover the implementation of Lippincott Connect courseware for Grant's and Moore's content paired with customized BioDigital 3D anatomy tours and quizzes to deliver dynamic, immersive, and assignable learning experiences. Additionally, this session will highlight how instructors can create their own customized 3D experiences, tailored to their curriculum with BioDigital Human Studio, and a new Anatomy for Medical Students Expert Collection, thoughtfully curated to align with specific learning objectives.

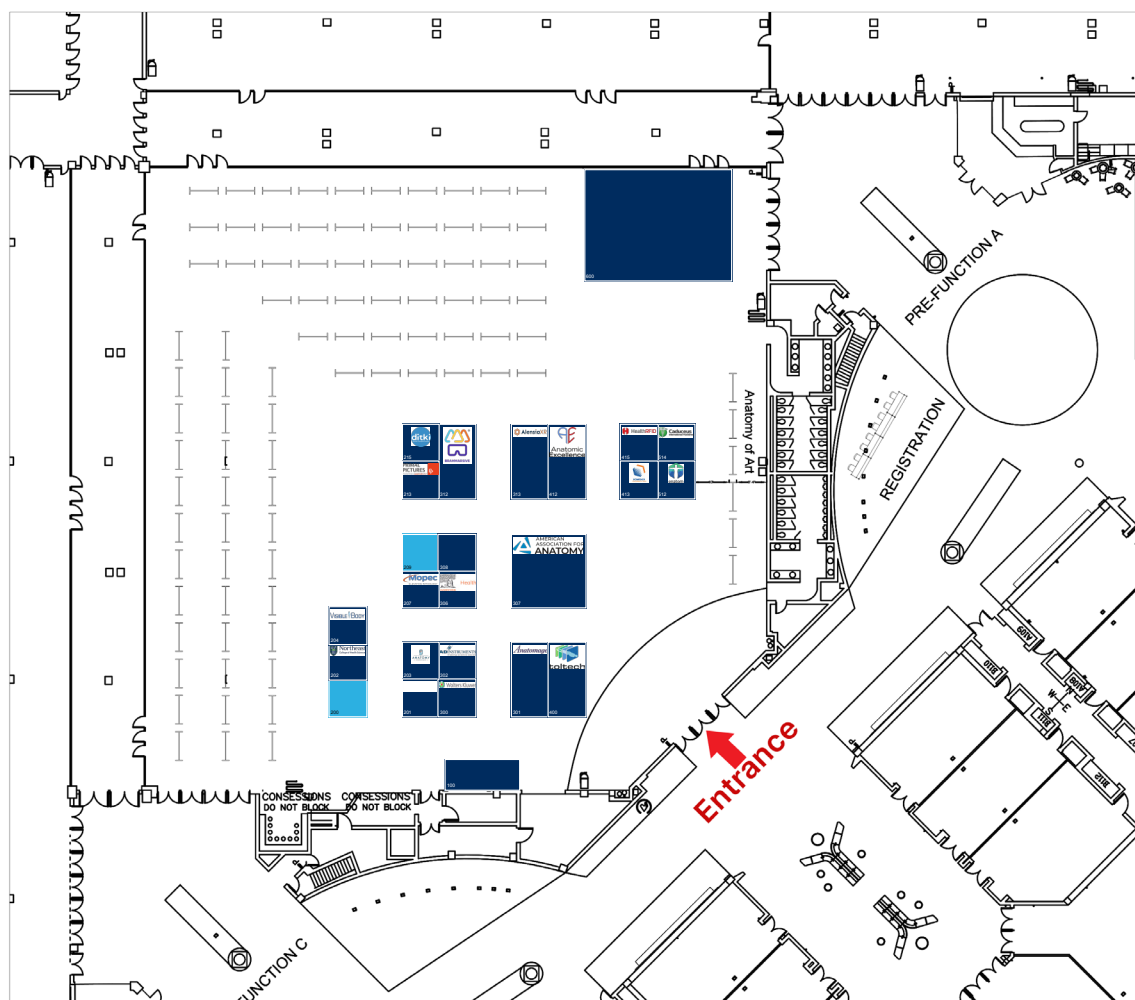
## Thank You to our Sponsors!





# Exhibitor List by Booth #

<b>201</b>	S Vision	<b>308</b>	AAA Family of Journals – Anatomical Sciences Education, The Anatomical Record, Developmental Dynamics
<b>202</b>	Northeast College of Health Sciences	<b>312</b>	Brahmarsive Inc
<b>203</b>	Anatomy Warehouse	<b>313</b>	AlensiaXR
<b>204</b>	Visible Body	<b>400</b>	Touch of Life Technologies
<b>207</b>	Mopec	<b>412</b>	Anatomic Excellence LLC
<b>213</b>	Primal Pictures	<b>413</b>	Scimedico LLC
<b>215</b>	Ditki, Medical and Biological Sciences	<b>415</b>	HealthRFID
<b>300</b>	Wolters Kluwer	<b>512</b>	ENATOM
<b>301</b>	Anatmage, Inc.	<b>514</b>	Caduceus International Publishing
<b>302</b>	ADInstruments		
<b>306</b>	Elsevier		
<b>307</b>	American Association for Anatomy		



# Exhibitors

Thank you to our exhibitors for supporting AAA. Be sure to visit with them during the following dates/times.

## SATURDAY, MARCH 29

10:00 am – 7:30 pm

10:00 am – 10:30 am

Networking Break  
and Exhibits

4:00 pm – 4:15 pm

Networking Break  
and Exhibits

5:15 pm – 7:30 pm

Poster Session  
and Exhibits

## SUNDAY, MARCH 30

10:00 am – 7:00 pm

10:00 am – 10:30 am

Networking Break  
and Exhibits

3:00 pm – 3:30 pm

Networking Break  
and Exhibits

5:00 pm – 7:00 pm

Poster Session  
and Exhibits

## MONDAY, MARCH 31

10:00 am – 12:30 pm

10:00 am – 12:30 pm

Exhibits

10:15 am – 12:15 pm

Poster Session

## Exhibitor Descriptions

(Alphabetical list)

### AAA Family of Journals

**Booth 308**

Anatomical Sciences Education, The Anatomical Record, Developmental Dynamics

### ADInstruments

**Booth 302**



ADInstruments is committed to making science easier, creating flexible teaching solutions for anatomy and physiology educators.

Our online learning platform, Lt, comes with ready-to-use labs and lessons to engage students inside and outside the lab. Pair it with our Lt Sensors hardware so that your students can collect and analyze their own bio-signals – collecting authentic data for ECG/EKG, EEG, EMG, EOG, spirometry, respiratory rate, and finger pulse experiments!

### AlensiaXR

**Booth 313**



AlensiaXR harnesses immersive technology to revolutionize learning in anatomy, neuroanatomy, medical, and healthcare fields.

Our solutions enable faster understanding, improved retention, and reduced costs. As the exclusive provider of the HoloAnatomy® learning platform, originally developed by Case Western Reserve University, AlensiaXR continues advancing the frontiers of medical learning.

### Anatmage, Inc.

**Booth 301**



Anatmage is a medical company, driving innovation through advanced solutions in hospitals and educational institutions. Our digital cadaver table, the Anatmage Table, allows a hands-on approach to learning the human body through unique visualization options, dissection tools, and quiz mode features, making it a strong asset to any anatomy class.

### American Association for Anatomy Booth 307

Regardless of your discipline, the American Association for Anatomy is your professional home. Our global membership is comprised of scientists and educators who research and study everything from humans to fossils to fish. We are that “one place” you can turn to, time and time again, to grow your career, keep informed, build relationships, and challenge your perceptions.

### Anatomic Excellence LLC Booth 412



Anatomic Excellence promotes the development of established and emergent anatomy education techniques with the aim of advocating for superior practitioner training and the highest standards of patient safety. Established in 2018, Anatomic Excellence serves as the US, Canada and Caribbean's exclusive agent of von Hagens plastinated human specimens, ethically-sourced from the von Hagens Body Donation Program.

### Anatomical Sciences Education Booth 308

Anatomical Sciences Education is an international journal publishing evidence-based opinions, innovations, and research in education in the anatomical and physiological sciences. In particular, education in gross anatomy, embryology, histology, neurosciences, physiology, biomedical, and life sciences. The journal covers all levels of education including, undergraduate, graduate, post-graduate, nursing, allied health, veterinary, medical (both allopathic and osteopathic), and dental. The journal welcomes submissions from these fields of study:

- Quantitative and qualitative research in education of student populations and continuing education for faculty as it relates to anatomical sciences.
- Education technology, innovations, their use, and their impact on learning.
- Ethics and humanity as it relates to anatomical, sciences and body donation.
- Teaching of non-technical skills in anatomical sciences education.

- Assessments of knowledge, skills and, competencies in anatomical sciences.
- Application of anatomical knowledge in clinical training and education

### Anatomy Warehouse Booth 203

Anatomy Warehouse, with more than 20 years of experience in the medical education industry, is the world's premier supplier of human anatomical models, anatomy and educational charts, and healthcare simulation models. Our product offering includes anatomical models, anatomy charts, manikins and simulators, 3D printed models, and virtually everything students and educators need to deliver world-class education and healthcare. In addition to offering the largest selection of anatomy products online, we are a trusted supplier to the biggest names in healthcare, including the US Government and Military, Cleveland Clinic, Mayo Clinic, and numerous leading medical schools, including Harvard Medical School.

### Brahmarsive Inc Booth 312



Brahmarsive's Digital Cadaver brings lifelike, high-resolution 3D models to the forefront of medical education. No longer limited by geographic or ethical constraints, institutions can now offer scalable, repeatable, and interactive anatomy lessons. This platform revolutionizes the dissection of human cadavers, offering a detailed, virtual exploration of anatomy that supports the advancement of healthcare education.

### Caduceus International Publishing Booth 514

Caduceus develops Quality Matters approved health science content catering to institutions of higher education globally. Our highly immersive and engaging Anatomy and Physiology materials are designed maximize comprehension, retention, language skills, and enhance communication efficiencies among aspiring healthcare professionals.

## Developmental Dynamics

### Booth 308

Developmental Dynamics is an official publication of the American Association for Anatomy. This peer-reviewed journal provides an international forum for publishing novel discoveries, using any model system, that advances our understanding of development and physiology, morphology, evolution, disease, stem cells, repair and regeneration.

## Ditki, Medical and Biological Sciences

### Booth 215

Ditki is an online platform that offers an active learning experience for medical and healthcare students. Ditki's multimedia content provides a stepwise instructional approach, with a natural acquisition-assessment loop that creates a structured, self-directed educational framework. Using our multimedia library, instructors can create assignments, in-class activities, and can track students' performance with our analytics.

## Elsevier

### Booth 306



Every day, research and health professionals dedicate themselves to improving outcomes for communities, patients and society at large. Elsevier is committed to quality and innovation to improve the value we deliver to researchers, research leaders, healthcare professionals and educators in an open, inclusive and collaborative manner.

## ENATOM

### Booth 512



Enatom revolutionizes anatomical education with its smart dissection room. By providing access to highly detailed scans of real human bodies, Enatom enables students to explore anatomical structures in an unprecedented level of detail. Accessible on any device—phone, tablet, laptop, or VR/AR—the platform is enriched with annotations, supplementary information, and 2D images, seamlessly bridging the gap between theory and practice.

## HealthRFID

### Booth 415

HealthRFID is an innovative solutions provider for organizations that utilize complex and heavily regulated biological supply chains.

We partner globally with leading profit & not-for-profit bodies across a spectrum of industries such as biopharma, healthcare, and pathology to implement the most advanced and cost-effective applications available today. Within anatomy, we have developed an end-to-end platform for anatomical gift programs and anatomy labs to facilitate efficient and ethical donor management.

For administrative staff, this platform replaces outdated databases and streamlines workflows to make donor management easy. Interact with registered donors, third parties, and lab staff from the cloud. Track donors in real-time from registration through to cremation whilst harnessing automated compliance reporting.

For lab staff, our platform enables simple RFID 'tap and go' capture of cadaver and specimen movement. Instantly generate inventory reports, quickly locate specific items, and effortlessly stocktake with our contactless technology.

If that interests you, come and see us @ Booth 415 and see Robert & Liz for a demonstration. We will also be giving away a TV to one lucky individual so be sure to say hi!

## Anatomy NETWORK

Explore all the special interest groups AAA has to offer! Find your community today!





## Mopec Booth 207



Mopec Group, headquartered in Madison Heights, Michigan, is a vertically integrated, branded supplier and manufacturer of high-quality anatomic and forensic pathology equipment, technology, consumable products, and services. Founded in 1992, Mopec Group differentiates itself through its innovation and extensive engineering process, outcome-based mindset, and leading quality. Mopec is elevating pathology and specializes in solutions for anatomic and forensic pathology and other labs in hospitals, universities, morgues, and a variety of other markets.

## Northeast College of Health Sciences Booth 202

Northeast College of Health Sciences in Seneca Falls, NY is recognized as a leading institution for the education and training of healthcare professionals. Its graduate and undergraduate programs, which include chiropractic, applied clinical nutrition, human anatomy and physiology instruction, radiologic technology, diagnostic medical sonography, massage therapy, and the health sciences, are rooted in a commitment to academic excellence, leadership and professional best practices.

## Primal Pictures Booth 213



Primal's meticulously crafted 3D anatomical models – derived from real scan data – form the dynamic foundation for a comprehensive, customizable portfolio of digital learning resources. Developed by a dedicated team of experts, the Anatomy.tv platform addresses all your anatomy, physiology, embryology, clinical, imaging, and functional anatomy needs.

## S Vision Booth 201

Medvision is a leading provider of high-fidelity medical simulation solutions, dedicated to enhancing healthcare training through innovative and realistic simulators. Our products, including patient, ultrasound, and surgical simulators, empower educators and trainees worldwide to improve clinical skills and patient outcomes.

## Scimedico LLC Booth 413



Scimedico is showcasing Pathtraker, our advanced donor management software, at the AAA Conference 2025. As the market leader in service and maintenance for Gross Anatomy, we provide innovative solutions for donor tracking and compliance. Learn more about Pathtraker and our services at [www.pathtraker.com/aaa](http://www.pathtraker.com/aaa).

## The Anatomical Record Booth 308

The Anatomical Record publishes new discoveries in the morphological aspects of evolutionary, molecular, cellular, and systems biology. The journal focuses on major new findings in functional morphology, paleontology, neurology, histology, and the anatomical consequences of gene disruption, activation, or over expression. It also recognizes the importance of descriptive studies in contemporary research, particularly when framed in the context of experimental models or questions.



## Touch of Life Technologies

**Booth 400**



Toltech virtual anatomy solutions make anatomy education more impactful, accessible, and most

importantly, successful.

Enable learners to view and comprehend complex structural relationships through an immersive, comprehensive learning environment with true-to-life visualizations. Seamlessly access lessons and content, anywhere, anytime, and across multiple devices. And get started quickly using prebuilt curricular components, knowing you have the flexibility to customize to match program needs and teaching philosophies.

With Toltech, you get more than an education technology platform; you get a partner who's committed to taking anatomy and teaching to the next level. Driven by a culture rooted in anatomical expertise, we deliver the solutions and support you need to create best-in-class and empowering educational experiences.

## Visible Body

**Booth 204**

Visible Body is a 3D visual life science learning software platform. We create interactive content for students, teachers, and health professionals, making learning and teaching engaging and fun through 3D visuals, micro-lessons, game-like interactivity, LMS integration, labs, graded quizzes/tests, and much more!

## Wolters Kluwer

**Booth 300**



Wolters Kluwer Health is a leading global provider of information and point of care solutions for the healthcare industry. Our solutions

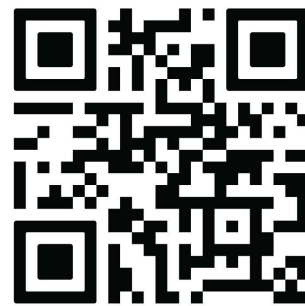
are designed to help professionals build clinical competency and improve practice so that healthcare organizations can succeed in value-based care delivery models. Product solutions include Lippincott®, Ovid®, and UpToDate®.



## Code of Conduct Policy & Reporting

The American Association for Anatomy (AAA) is committed to providing a professional, inclusive, welcoming, and safe environment free from any kind of harassment and discrimination.

If you experience or observe any form of harassment which violates the Code of Conduct Policy, you are encouraged to report your experience or observation via this confidential and anonymous third party online portal.



[learn more or report an incident](#)



THE **SAVE  
DATE**

**April 17–20, 2026 • Albuquerque, NM**



**ANATOMY  
CONNECTED**

**2026** APRIL 17–20  
ALBUQUERQUE, NM