



# PLEXUS

THE NEWSLETTER OF THE INTERNATIONAL FEDERATION OF ASSOCIATIONS OF ANATOMISTS

## IN THIS ISSUE:

### » Editorial

### » A Note from Your President

### » Obituary

- Professor Chaikovskyi Yurii

### » World Anatomy Day Celebrations

- Turkish Society of Anatomy and Clinical Anatomy
- Ukrainian Society of Anatomists, Histologists and Embryologists
- Celebrations from Germany
- Celebrations from China
- Korean Association of Anatomists (KAA)

### » Updates on Body Donations

- First tribute ceremony to body donors in the National University of Cordoba – Argentina
- Public dissection of a body donor

### » Meetings and Conferences

- 3D Technologies in Clinical Anatomy, September 2021 Samara, Russia
- Federative International Committee on Scientific Publications (FICSP)
- Trans European Pedagogic Anatomy Research Group, March 2022, Barcelona

### » Cartoon strips from Dr. Anatophil

### » Celebrations

- Building community scholarship recipients - 2022
- IFAA Emergent Anatomists Incentive Award
- Anatomy Scholars program recipients – 2022
- American Association Anatomy Awards

### » Upcoming Events

- American Association for Anatomy - April 2-5, 2022
- AACAA 37<sup>th</sup> Annual Conference – June 13-17, 2022
- The 20<sup>th</sup> IFAA Congress - August 5-7, 2022.

## *EDITORIAL*

Dear colleagues worldwide,

It is with pleasure that Shibby and I introduce this latest edition of Plexus, the newsletter of the IFAA. In this issue we are delighted to showcase the numerous activities held across the world for World Anatomy Day as well as various meetings, conferences, and awards. I am certain you will find these interesting.

In this issue we also sadly mourn the loss, while also celebrating the achievements of Professor Chaikovskiy Yuri, a giant of our discipline, whose contributions to teaching, research and publications in anatomy have been significant. Our thoughts are with his family as well as his colleagues.

It has been just over two years since the COVID 19 pandemic drastically affected our ability to teach anatomy face-to-face. Inevitably we have had no choice but to conduct all conferences and research meetings online. This is now thankfully changing as vaccination coverage has increased in most, but not all, parts of the world. Notwithstanding these limits, a number of member societies have moved ahead with plans for online or hybrid conferences. In this regard, please send us short summaries of any conferences you have organized so we can showcase your efforts in Plexus.

Thank you to all those who have contributed articles to this issue: it is great to hear from you! We look forward to hearing more about member societies, learning about individual anatomists as well as advances in the discipline. Please keep your contributions coming.

With best wishes

**Isabel and Shibby**

## ***A MESSAGE FROM THE IFAA PRESIDENT: PROFESSOR BEVERLEY KRAMER***

*We find ourselves watching as war continues to devastate the Ukraine and we pray for peace in our world and in our time, for our children and their children, for the return to “normality” and for a halt to the terrible loss of life and destruction. For the IFAA Executives “statement on the invasion of Ukraine” please see [www.ifaa.net](http://www.ifaa.net)*

Hello, colleagues and friends, It is good to be in conversation with you once more!

It appears as though the terrible events of recent years (Covid, the war in the Ukraine, global warming) cause time to fly even more than it normally does, and we are back again, with another edition of Plexus! Even with all the disastrous ongoing events which surround us, we as scientists and clinicians should continue to strive for a better world through our teaching and our research.

The exciting event on the IFAA calendar this year is the IFAA 2022 Congress which is being organised by the Turkish Society for Anatomy and Clinical Anatomy. The Congress will be held between the 5<sup>th</sup> and 7<sup>th</sup> August with the theme of the Congress being “Anatomy of Woman. Women of Anatomy”. While the Congress is online, the heart of the Congress will be based in Istanbul. I am pleased to be able to report that the Congress will boast numerous excellent plenary addresses as well as Symposia. Many of the IFAA’s Programmes and Committees will be hosting symposia within the Congress and will cover aspects of anatomical education, publishing, diversity and equality and ethics. Importantly, the General Assembly of the IFAA for all the Representatives of IFAA member associations will take place at the Congress. Early bird registration closes on the 22<sup>nd</sup> April and the costs have been greatly reduced as the Congress is online. Are you an emergent anatomist or postgraduate student from a low- or low-middle income country whose society is a member of the IFAA? If so, you may be eligible for a registration incentive so please apply! As an anatomist, you cannot afford to miss this important Congress. Please find the Congress details at <http://ifaa2022.org/en/>.

Also please take a look at our newly designed IFAA website [www.ifaa.net](http://www.ifaa.net), and tell us whether you find the “new look” easier to navigate than before! We’d love to hear from you!

The IFAA have conducted two surveys of its member associations recently. Initially a joint survey by FIPAE (Education) and FICSAP (Support for Anatomical Professionals) addressed education and educational needs, and this year a survey on diversity and equality issues among anatomists has been circulated to member associations by FICEDA (Equality and Diversity in Anatomy). We look forward to the reports from these groups on the outcomes of the surveys.

Did you manage to participate in our IFAA Webinars over the last few months? There were fascinating talks as part of FIPAE’s Anatomy Connex, FIPAR’s research reviews and recently two Editors of journals provided important information on publishing on variations in anatomy as part of a FICSP (Scientific Publications) Webinar. If you missed any of these talks, please visit the IFAA website where recordings have been lodged. Members of IFAA member associations are notified of these webinars through their representatives on the IFAs College. If you are not getting notifications, please check with your association’s Representative. Many of these activities will continue in 2022 so please keep in touch with the IFAA.

A number of scientific writing workshops for Emergent Anatomists will take place this year as part of the IFAA PEAP (President’s Emergent Anatomist Programme). Please contact Co-Chairs of PEAP Dr Carol Hartman ([Carol.hartmann@wits.ac.za](mailto:Carol.hartmann@wits.ac.za)) or Professor Jose Sanudo ([jrsanudo@med.ucm.es](mailto:jrsanudo@med.ucm.es)) should you wish to participate in one of these.

We have thus had a busy time since last we spoke in 2021 and I hope that the forthcoming 2022 anatomical activities from the IFAA will engage you all in a spectacular anatomical year!

With best wishes,  
Bev Kramer

## *OBITUARY*

### **Professor Chaikovskyi Yurii**



It is with unbearable pain that we announce the death on March 3, 2022, at the age of 71, of Yuri Chaikovsky, Head of the Histology and Embryology Department at the National Medical University of Ukraine, Honored Worker of Science and Technology of Ukraine, winner of the VP Prize Commissar of the National Academy of Sciences of Ukraine, Corresponding Member of the National Academy of Medical Sciences of Ukraine and several international public academies, President of the Scientific Society of Anatomists, Histologists, Embryologists and Topographers of Ukraine.

Professor Chaikovsky, a man with a capital letter, was valued and respected by colleagues, anatomy students, PhD students and everyone who had to work together. The staff of the University have lost an extremely intelligent, kind person, a famous scientist, a great organizer and mentor, whom we will always miss.

Eternal memory to Yuri Chaikovsky ! He will always be in our hearts.

## *World Anatomy Day celebrations*

### *World Anatomy Day Celebrations at Turkish Society of Anatomy and Clinical Anatomy*



On 15<sup>th</sup> October, the 22<sup>nd</sup> National Congress of Anatomy organized (virtually) by Turkish Society of Anatomy and Clinical Anatomy organised a special session for World Anatomy Day (WAD).

On WAD, the Bursa Uludag University School of Medicine Department of Anatomy have, for the first time, organized a moment of silence in respect of those who served our medical or dental school students by bequesting their bodies or as unclaimed bodies. We first explained the meaning of WAD to the students in the dissection lab. Their reaction was very positive and enthusiastic. Then, in the presence of all academic staff we paid our tribute to these generous donors.



## *Celebration of World Anatomy Day at Kharkiv National Medical University (KhNMU)*



Professor Denis Shiyan, Head of the 3D center of KhNMU demonstrating the unique **3D Atlas of Human anatomy**, which can be used both in teaching and assessment of students. The uniqueness of the Atlas is that it fully corresponds to the structures of the original natural anatomical preparations.

Ukrainian Society of Anatomists, Histologists and Embryologists

World Anatomy Day was proclaimed in August 2019 at the IX IFAA Congress in London and is now celebrated all over the globe on 15<sup>th</sup> October each year. It is designed for anatomy associations to organise anatomical activities in order to raise awareness of the undeniable importance of anatomy for medicine, to express the gratitude to our donors and to attract young scientists into the appealing field of morphology.

The Ukrainian Society of Anatomists, Histologists and Embryologists was admitted to the membership of the IFAA during the General Assembly of the IX Congress in London in 2019. Since that day we are now proudly members of the International Federation of Associations of Anatomists. We are connecting all professionals who work in anatomy around Ukraine and advancing the understanding of its foundational role in science and medicine. Anatomists of our community have been spreading the word about the importance of World Anatomy Day and we have celebrated this day in higher medical establishments in Kyiv, Kharkiv, Sumy, Odessa each year since 2019.

It has been over a year and half since the pandemic took away the luxury of face-to-face teaching and although COVID is still COVID hovering above us, we had planned some activities for this significant event in KhNMU.

The Department of Human Anatomy organized a presentation of ten original models of skeletons developed by the Center for Three-Dimensional Technologies of KhNMU. This bone material was printed on thermoplastic printers made of ecological plastic using 3D-printing for further implementation into the educational process and for better study and assimilation of the musculoskeletal system. This is the first time that 3D printing of body structures is possible in a University in Ukraine. In the future the aim is to produce cost-effective 3D anatomical structures and to expand the collection of specimens for educational purposes. Undoubtedly, our university is a leader in the field of 3D modeling and confidently keeps pace with progress and digital technologies.

Nowadays, e-learning resources have a strong place in the educational field, and we are proud of the achievements and developments at Kharkiv Anatomy School. In addition to 3D printed bone material, we have a large number of specimens stored in the Human Anatomy museum, the Anatomage table dissection tool as well as the synthetic cadaver - Syndaver. As we do not have an established Body Donation Program in Ukraine, we try to use all possible digital advances in the field of anatomy, and be modern and progressive by complying with world standards of education to provide the best training for our students.

World Anatomy Day is well known by members of the Ukrainian Society, as well as the majority of our medical students. In the future we are planning on promoting this day among Ukrainian citizens by involving them in the celebration of this day and raising their awareness about the crucial role that anatomy plays in our lives. This day definitely inculcates love of the anatomy among students, raises their interest in conducting morphological research and allows participation in numerous events organized by IFAA.

Both Ukrainian and English-medium students were informed about World Anatomy Day and their understanding of anatomy was enhanced by organizing different art activities. Many students became extremely enthusiastic and expressed their desire to contribute to it. Our first priority in this time of global changes in the educational field is to keep our students interested and engaged in this cornerstone discipline of medicine. Also, on this day the teachers offered an excursion into the Human Anatomy museum for anyone interested in the structure of the human body. This is the oldest and most valuable museum in the country.

Our Anatomy team of 32 highly qualified teachers will be enthusiastic to continue participating in important educational and anatomic discussions on future World Anatomy Days and play its part in the international community. Being a young member of IFAA, this is a very important and meaningful day for us. We want to stay strong and united and spread the word about the beauty of anatomy and its major role in science and medicine around the world.



Vice-Rectors for scientific and pedagogical work Volodymyr Markovsky and Iryna Leshchyna joined the event and emphasized that our task as teachers is to make the most of all the opportunities of digitalization of our society in order to make the learning process interesting, motivating and useful for students.



The head of the department of Human Anatomy, Professor Oleg Vovk, demonstrating the capabilities of the Anatomage table - the most modern tool for 3D visualization of anatomy and virtual dissection. He also introduced another valuable addition to the department - the anatomical model Syndaver, which mimics the mechanical and physical properties of living tissue. Professor emphasized that this innovative model is the first and only one in medical institutions of post-Soviet countries. Its use in the educational process has significantly strengthened students' knowledge of Arthrology, Myology, and Splanchnology.





English-medium students of the 1<sup>st</sup> and 2<sup>nd</sup> year of education participated in WAD by showing their artistic approach towards the understanding of anatomical structures.



Teaching staff of the Human Anatomy Department of the KhNMU in the Human Anatomy museum on World Anatomy Day 15.10.2021

## *World Anatomy Day Celebrations in Germany*



In Germany, anatomists from the Anatomische Gesellschaft (AG) celebrated World Anatomy Day 2021 in several universities. In Munich, Prof. Dr. Jens Waschke (AG Board) and his team were happy to report that the Ludwigs-Maximilians-Universität (LMU) in Munich inaugurated their new exhibition “Guest at the Philologicum” on World Anatomy Day on 15.10.2021. The exhibition of the Anatomische Anstalt is open to the university public for six months. Prof. Dr. Reinhard Putz, curator of the exhibition at the Anatomische Anstalt, has designed a fine selection of historic models and modern specimens presented together with some of the greatest historic anatomy books from the library of the LMU including the first edition of Andreas Vesalius’ “Fabrica”. The exhibition is an excellent opportunity for all our co-workers and students to get to see books which are only rarely presented to the public.



## *The Third World Anatomy Day Celebrations in China*



**Fig.1:** A message for Chinese Youth Celebration on World Anatomy Day from the President of the IFAA

The Chinese Society of Anatomy Sciences (CSAS) held a special activity, the Chinese Youth Anatomy Scientists Forum in Qindao, Shandong province of China, to celebrate the **“World Anatomy Day (WAD)”** on October 15 (Fig. 1) as agreed by the IFAA General Assembly at the 19<sup>th</sup> IFAA Congress in London, in August 2019, to commemorate the father of anatomy, Andreas Vesalius who died in 1564.

At the opening ceremony (Fig. 1), the President of IFAA gave us the following video message: “Good day to all Presidents, Vice presidents, executives and members of the Chinese Society of Anatomy Sciences. I am Beverley Kramer, President of the International Federation of Association of Anatomists. I bring you warm wishes from myself and the executives of the IFAA as you celebrate World Anatomy Day in 2021. I hope that the true celebrations will include vigorous debates and stimulating discussions on anatomy to enhance the celebration of this day. While the pandemic has had a major impact on teaching and research, we are resilient and have a debt to the world to change. I am particularly interested in the development of emergent anatomy, and I am just hearing that you will be holding a Chinese Youth Anatomy Celebration as part of World Anatomy Day. I am sure that will be a great success. We look forward to hearing about your discussions and to receiving photographs that celebrate our discipline of anatomy. Enjoy your celebrations and thank you!”

More than 100 youth anatomists and students (Fig. 2, 3) made over 15000 online presentations. A further 28 excellent youth research speakers from Mainland, Taiwan (Fig. 4), Hongkong, and Macao of China demonstrated the new progress in anatomy and the vitality of young anatomists.



**Fig.2:** Youth anatomists during the celebration of WAD in Qingdao city of China



**Fig. 3:** Opening Address by Vice President of IFAA and CSAS, Prof. Yun-Qing Li



**Fig 4:** WAD parallel session in Taipei city

On October 15 2021, the message from the President of the IFAA, not only echoed in the hall of youth forum in Qindao city, but also resounded through many assemblies and classrooms around China. For example, in the Life Science Museum of Guangxi Medical University in Guanxi province in southwest of China (Fig.5), a commemoration of World Anatomy Day 2021 was held to celebrate the life of Vesalius, while also thanking and paying tribute to the general teacher (body donors), and guiding young students to better understand life.



**Fig. 5:** Commemoration of World Anatomy Day 2021 was held in the Life Science Museum of Guangxi Medical University.



In the Southern Medical University in Guangzhou city, Guangdong province of China, anatomy teachers and medical students listened to Kramer's message as part of the celebration of the third World Anatomy Day in 2021 (Fig. 6).



**Fig. 6:** Professor Jun Ouyang (in the middle of the front row) with medical students listen to Kramer's message as a part of the celebration of the third World Anatomy Day.

This was followed by the first ever honoring of body donors by 119 clinical students who took the following oath (Fig. 7): "I will give respect to the general teacher (body donation); move forward in the spirit of learning; ....., I will promise to do what I say in the name of medical students".



**Fig.7:** Clinical students in Southern Medical University hold the right fist and solemnly swear.

Teachers and students in Tianjin Medical University in Tianjin city of China, held a special anatomy class on the third World Anatomy Day, paying tribute and thanking the general teacher (body donors) (Figs. 8, 9).





**Fig. 8:** Teachers and students in Tianjin Medical University listen to Kramer's message in a special anatomy class.



**Fig. 9:** Teachers and students in Tianjin Medical University held a special anatomy class on third World Anatomy Day.

In Lanzhou University in Lanzhou city, Gansu Province, in the northwest of China, Professor Yi-Ping Hou made a brief presentation on Andreas Vesalius's story and the origin of World Anatomy Day (Fig. 10 ).

The Ningbo College of Medical Technology in Zhejiang province, China, commemorated the third World Anatomy Day with the theme of "thanking and paying tribute to the silent teacher (body donor)". More than 530 people attended, urging the students to adhere to the school's motto of "benevolence and health", encouraging them to become highly competent and skilled health care providers to contribute to the health care of mankind (Fig. 11, 12).



**Fig. 10:** Commemorating 3rd World Anatomy Day in Lanzhou University, Lanzhou city, Gansu Province



**Fig. 11:** Commemoration of the third World Anatomy Day in the Ningbo Medical College





**Fig. 12:** 530 students of Ningbo Medical College, thanking and paying tribute to the silent teacher (body donors).

In Zunyi Medical University in Zunyi city, Guizhou province in southwest China, commemoration of the third World Anatomy Day began with an exhibition in the life science museum entitled "Exploring the mysteries of the human body" organized by the Department of Human anatomy. Teachers of anatomy and over 200 nursing students began their journey of exploration of human structure. At the start of the activity, the Director of anatomy teaching introduced the purpose of the activity which was to commemorate Andre Vesalius, the father of modern anatomy (Fig. 13).



**Fig. 13:** Teachers of anatomy and nursing students started the "exploration journey" of human body structure in Zunyi Medical University.

“World Anatomy Day is an opportunity to celebrate the discipline of anatomy and make local communities aware of its important role in the training of health sciences professionals” (Reminder of World Anatomy Day by IFAA General Assembly in 2019). In response to the call of the IFAA, the human body museum of Southern Medical University of China, held many popular scientific education activities during this special period (Figs. 14-15).

Medical students from Southern Medical University) led citizens into the wonderful world of the human body, explained the mysteries of its structure, and spread information about both physical and mental health, first aid and self-rescue. In the humanistic care exhibition area, the science popularization volunteers (medical students) also publicized body and organ donation. The exhibition board showed photos of activities such as "Star Lighting" to commemorate the silent good teacher (body donors), the Bureau's oath of gratitude for the general teacher (body donors), visits to donors, and so on.



**Fig. 14:** Middle school students from Guangzhou city visit the human body museum.



**Fig. 15:** Schoolchildren with their parents visit the life science museum.



## World Anatomy Day celebrations from Korean Association of Anatomists (KAA)

The following images celebrate our activities on World Anatomy Day







## *First Tribute Ceremony to Body Donors in the National University of Cordoba – Argentina*

Susana N. Biasutto, Marcos Spinelli, Mauricio Quinteros, Javier Recchiuto, Florencia Basta, Milagros Begue, Rocío Corzo, Luisina Cuadrado, Lucía Eandi, Sofía González Abad, Azul Llorens, Nicolás Longoni, Nicolás Macías, Francisco Mondino, Lucía Navarro Babini, Juan Pablo Novillo, Matías Perea, M. de la Paz Postacchini, Valentina Sánchez Barneix, Sofía Siemsen, Solange Spatzer, Gastón Tarantino, Ángeles Teme, Abril Turina, M. Milena Viccini, Martina Di Cesare, Cintia Stivanello

*Program for Body Procurement and Donation, Faculty of Medical Sciences, National University of Cordoba, Cordoba, Argentina*



On October 15, 2021, World Anatomy Day, the members of the Program for Procurement and Donation of Bodies (ProDoCue) at the Faculty of Medical Sciences, the National University of Córdoba, organized the first Appreciation Ceremony for all those who voluntarily, generously and in solidarity donate their bodies for university teaching and research.

Although previously body donations were received by the Chair of Anatomy, the creation of this unique Program at the beginning of this year generated an organized entity for this specific purpose (Biasutto, 2021). Currently, professors and medical students participate in the ProDoCue, without prejudice to the inclusion of other members and / or collaborators who are willing to contribute to the development of the program.

Although these programs are well known in many countries, this is the first such program established in Argentina, and hence society is not informed and even less used to discussing this sensitive subject. In this context, ProDoCue has initiated informational and dissemination activities mainly in Córdoba. However, as diffusion over the internet and social networks is unlimited, this allows us to collaborate with other universities in the country.

Within this framework, it was essential to express gratitude to donors by all those who are beneficiaries of this gesture, especially the university community. Thus, we decided to organize this first Donor Tribute Ceremony, with the intention of repeating it annually.

The Ceremony was virtual, to favor participation and avoid the concentration of people in the context of the COVID-19 pandemic. Some donors and family members participated, Prof. Bernardo Gandini representing the Dean of the Faculty of Medical Sciences and other university authorities, religious and scientific authorities, professors and students of Medicine, and members of ProDoCue.

It began with the words of Ms. Cintia Stivanello, a student in the last stages of the Medicine career, who highlighted the importance of bodies for study and the eternal gratitude of all students to donors and their families. Dr. Marcos Spinelli addressed the audience on behalf of the teachers, emphasizing three aspects: a) The importance of body donation for graduate and postgraduate teaching, research and development of the "Pedro Ara" Anatomical Museum; b) Respect for the bodies that are used for these purposes; and c) The human body as an irreplaceable resource in medical training. The Professor of the Normal Anatomy Chair, Dr. Carlos Sanchez Carpio, expressed his gratitude to the donors and highlighted the international relevance of the "Pedro Ara" Anatomical Museum and the outstanding role played by the material exhibited in it for teaching during the pandemic. The assistants and students of Anatomy prepared a "spot" with music, a message and photographs, where the motto "Mortus docent vivus" stood out. Also joining the meeting was Prof. Mariano Amer, President of the Argentine Association of Clinical Anatomy, who referred to the essential nature of the bodies for teaching-learning, congratulated the initiative of the National University of Cordoba in approving this first program in the country and thanked all those who donated their body in the past and do so in the present.

Given the impact that people's beliefs have on this issue, we invited the members of the Interreligious Committee for Peace (COMIPAZ), in which representatives of the main religious communities of Córdoba participate. Rabbi Marcelo Polakoff sent a recorded message highlighting the importance of donating and thinking of others when earthly life ends. Monsignor Pedro Torres (Auxiliary Bishop of Córdoba and President of COMIPAZ) made reference to the mention in the Catechism of the Catholic Church about respect for bodies and in relation to research, as a basis to endorse our program. He commented on the advances of the Catholic Church regarding autopsies and organ donation, and related that in the funeral ritual there is a mention of those who donated their body or body parts. He highlighted the generosity of those who donate their bodies and their families at such a painful time.

The Ceremony concluded with the contribution of the choirs of the Universidad Blas Pascal, the CPC de Argüello, the Colegio de María and the Faculty of Social Sciences, directed by Ariel Borda, through a video with the interpretation of "CORDOBA VA".

The ProDoCue members thank all those who joined the Ceremony and made their contribution to share our appreciation to the donors who generously and in solidarity donate their bodies to contribute to the training of professionals who will be in charge of the health of our population.

### **Reference**

*Biasutto SN.* 2021. Creación del programa de procuración y donación de cuerpos de la Universidad Nacional de Córdoba – Argentina. *Rev Arg de Anat Clin* 13: 55-57

## *Public Dissection of a Body Donor*

As members of an international anatomical ethics committee (FICEM of IFAA), we strongly condemn the recent public dissection of a body donor in the United States (reference). This disrespectful and unethical use of this deceased individual for the entertainment of the paying public is reprehensible. There does not appear to be any educational component to this public display and it only appears to be a method to satisfy the morbid curiosity of the public and as a means to generate revenue for the organizers, venue and the for-profit body broker companies.

We strongly encourage local, state and federal governments to do all in their power to stop public displays of this type in the future. We hope this instance of human exploitation serves as encouragement for international communities to reflect upon the level of respect and dignity that is due to persons who have died, including those that have donated their bodies for educational purposes.

We encourage anatomists and all others involved to follow the international 'Recommendations for Good Practice of Body Donation'.

- Prof. Andreas Winkelmann (Chair), Medical School Brandenburg, Germany
- Prof. Thomas H. Champney, University of Miami Miller School of Medicine, Miami, USA
- Dr. Jon Cornwall, University of Otago, Dunedin, New Zealand
- Prof. Sabine Hildebrandt, Harvard Medical School, Boston, USA
- Prof. Amadi O. Ihunwo, University of the Witwatersrand, Johannesburg, South Africa
- Prof. Gareth Jones, University of Otago, Dunedin, New Zealand
- Prof. Diogo Pais, Nova University, Lisbon, Portugal
- Prof. Andrea Oxley da Rocha, Federal University of Health Sciences of Porto Alegre, Brazil
- Brandi Schmitt, MS, University of California, Oakland, USA
- Prof. Sergio Tamayo, National University of Salta, Argentina
- Prof. Guo-Fang Tseng, Tzu Chi University, Taiwan
- Prof. Beverley Kramer (President of IFAA), University of the Witwatersrand, Johannesburg, South Africa

FICEM is the Federative International Committee for Ethics and Medical Humanities of the International Federation of Associations of Anatomists (IFAA)

*3D Technologies in Clinical Anatomy, September 2021 Samara, Russia*



The 1st International Scientific and Practical Conference "3D Technologies in Clinical Anatomy" was held between 10 and 12 September 2021 in Samara, Russia in a hybrid format. The main topic was about the union of classical and innovative vision of clinical anatomy teaching and research.

The Russian Anatomists Association was represented by Vice-president, Professor Sergey Dydykin, Head of the Department of Operative Surgery and Topographic Anatomy of Sechenov University.

The scientific program of the international conference touched upon aspects of 3D technologies in clinical anatomy such as innovative teaching methods using virtual and interactive technologies, both using the anatomical table "Pirogov" in Samara State Medical University (Sergey Chemidronov, Vadim Gvozdkov) and 3D technologies in neurosurgery: educational and clinical aspects" (Albert Syfianov). Professor A. Sufyanov (head of the neurosurgery department, Sechenov University) presented the modern capabilities of the operating room, where VR technologies have become common working procedures.

The technologies of immersion in virtual reality through VR-helmets, where the student receives a virtual scalpel in his hands to perform surgical interventions were presented by Sergey Dydykin, Yuriy Vasiliev, and Stanislav Gribkov. The latest development was created in Sechenov University in the VR laboratory of the department of operative surgery and topographic anatomy (Professor Yu.L. Vasiliev) together with the Sechenov university VR/AR department (Stanislav Gribkov). This is a simulator of surgical interventions for purulent diseases of the face based on VR technologies and enables students, especially those who have chosen a surgical training path, to significantly reduce the number of errors, increase the speed of manipulation and decision-making, reduce training time, and more adequately assess the level of acquired knowledge and acquired skills.

We thank our colleagues who found the opportunity to join us via zoom. Many thanks to Natalia Trushel (Republic of Belarus) for the report "On the experience of using information technologies at the Department of Normal Anatomy of the Belarusian State Medical University" and Friedrich Paulsen (Germany), who shared with us "Topical issues of modern teaching of clinical anatomy"

We are very pleased to invite you to join the 2nd International Scientific and Practical Conference "3D Technologies in Clinical Anatomy" to be held in September 2022 in Samara. Do not hesitate to e-mail prof. Sergey Dydykin via [dydykin\\_ss@mail.ru](mailto:dydykin_ss@mail.ru).



## *Federative International Committee on Scientific Publications (FICSP)*

The Federative International Committee on Scientific Publications (FICSP) of IFAA aims to promote the quality of content of publications in the fields of anatomy worldwide. Publishing activities in the anatomical sciences will be strengthened by encouraging communication, collaboration, and sharing of resources among the journals, through a forum for Editors of the official journals of the Associations to communicate and exchange information of mutual interest and concern.

The new website for FICSP is here:

<https://ifaa.net/committees/scientific-publications-ficsp/>

The first of the webinars on Publishing in Anatomy Journals was organised by the FICSP on February 24, 2022; 2.00 pm - 3.30 pm (CET) with an online meeting by ZOOM

Title: Publishing About Anatomical Variations

Chair: Professor Gulgun Sengul, Welcome speech: Professor Beverley Kramer

Speakers: Valéria Paula Sassoli Fazan Editor-in-Chief of Journal of Morphological Sciences, and Professor Fabrice Duparc (Editor-in-Chief of Surgical and Radiologic Anatomy)

February 24, 2022; 2.00 pm - 3.30 pm (CET)

We would like to thank all attendees for participating in our 1st FICSP Webinar "Publishing About Anatomical Variations".

The recording may now be downloaded here:

<https://ifaa.net/wp-content/uploads/2022/03/FICSP-Webinar I.mp4>

# WEBINAR ON PUBLISHING IN ANATOMY JOURNALS

FEDERATIVE INTERNATIONAL COMMITTEE ON SCIENTIFIC PUBLICATIONS (FICSP) OF IFAA

## PUBLISHING ABOUT ANATOMICAL VARIATIONS

ONLINE  
MEETING  
zoom

Thursday, February 24, 2022 at 14.00 CET

Register with link or QR code

<https://tinyurl.com/nc9xjtm3>



*Professor Fabrice  
Duparc  
Editor-in-Chief  
Surgical and Radiologic  
Anatomy*



*Professor Valeria Paula  
Sassoli Fazan  
Editor-in-Chief  
Journal of Morphological  
Sciences*



**IFAA**

International Federation of Associations of Anatomists

*Federation Internationale des Associations d'Anatomistes*



## **Federative International Committee for Scientific Publications (FICSP) of International Federation of Associations of Anatomists**

### ***Links of journals represented in FICSP***

- Anatomical Record, official journal of the American Association for Anatomy  
<https://anatomypubs.onlinelibrary.wiley.com/journal/19328494>
- Anatomical Science International, official journal of the Japanese Association of Anatomists  
<https://www.springer.com/journal/12565>
- Anatomical Sciences Education, official journal of the American Association for Anatomy  
<https://anatomypubs.onlinelibrary.wiley.com/journal/19359780>
- Anatomy, official journal of the Turkish Society of Anatomy and Clinical Anatomy  
<https://dergipark.org.tr/en/pub/anatomy>

- Anatomy Journal of Africa, official journal of the Association of Anatomical Societies of Africa  
<https://www.ajol.info/index.php/aja>
- Annals of Anatomy, official journal of the Anatomische Gesellschaft  
<https://www.journals.elsevier.com/annals-of-anatomy>
- Argentine Journal of Clinical Anatomy, official journal of the Argentine Association of Clinical Anatomy  
<https://revistas.unc.edu.ar/index.php/anatclinar>
- Clinical Anatomy, official journal of the American Association of Clinical Anatomists and the British Association of Clinical Anatomists  
<https://onlinelibrary.wiley.com/journal/10982353>
- Developmental Dynamics, official journal of the American Association for Anatomy  
<https://anatomypubs.onlinelibrary.wiley.com/journal/10970177>
- European Journal of Anatomy, official journal of the Spanish Society of Anatomy  
<https://eurjanat.com>
- Folia Morphologica, official journal of the Polish Anatomical Society  
[https://journals.viamedica.pl/folia\\_morphologica](https://journals.viamedica.pl/folia_morphologica)
- Italian Journal of Anatomy and Embryology, official journal of the Italian Society of Anatomy and Embryology  
<https://oajournals.fupress.net/index.php/lijae>
- Journal of Anatomical Sciences, official journal of the Anatomical Society of Nigeria  
<https://www.asiupjas.com>
- Journal of Anatomy, official journal of the Anatomical Society  
<https://onlinelibrary.wiley.com/journal/14697580>
- Journal of Morphological Sciences, official journal of the Brazilian Society of Anatomy and the Panamerican Association of Anatomists  
<http://www.jms.mk/jms>
- Journal of the Anatomical Society of India, official journal of the Anatomical Society of India  
<https://www.jasi.org.in>
- National Journal of Clinical Anatomy, official journal of the Society of Clinical Anatomists in India  
<http://www.njca.info>
- Russian Journal of Operative Surgery and Clinical Anatomy, official journal of the Russian Scientific Medical Society of Anatomists, Histologists and Embryologists  
<https://www.elibrary.ru/contents.asp?titleid=66013>
- Surgical and Radiologic Anatomy  
<https://www.springer.com/journal/276>
- Translational Research in Anatomy  
<https://www.journals.elsevier.com/translational-research-in-anatomy>

TEPARG hosts its first annual meeting in Barcelona, Spain.

Saturday the 5<sup>th</sup> of March 2022 saw the first TEPARG meeting hosted in sunny Barcelona at the Barcelona College of Chiropractic (BCC) in the beautiful Barcelonian suburb Sarrià. Prior to this meeting, TEPARG meetings have normally convened in Paris on the first Saturday of March every year. The theme of this annual meeting was *Hybrid Anatomy Education: Barriers and Enablers for Students and Educators*, with the morning session chaired by TEPARG President Professor Isabel Stabile and the afternoon session by Professor Erich Brenner. The meeting this year was held in a hybrid format, with over 40 attendees participating either on site and or joining online, and appeared to run very well with no technical difficulties.

The bulk of the programme was centered around short talks, which were on a variety of topics and of a very high standard. Presentations from multiple institutions across Europe as well as Africa were punctuated by lively discussions throughout the day. Prizes were awarded to meritorious performances and awarded by the Prizes Committee. First prize was awarded to Dr Luisa Wakeling and team from Newcastle University for her talk on *Adopting a flexible approach to professional anatomy spotter exams during COVID*. Second prize was awarded to Imogen Cowdell and Safia Khan and their team from Oxford University for their talk on *An innovative online resource for learning radiology and anatomy*. Certificates of merit for outstanding work were also awarded to Rohan Bhate and team from University of London on their talk *Evaluating learner gain and student satisfaction of teaching anatomy online using 3D digital models as compared to 2D illustrations* and Hannah Bridgewater and team from University of Cambridge on their talk *The role of cadaveric dissection and hybrid medical education in the post COVID-19 pandemic era*.

The scientific meeting was followed by an informal and wonderful wine-tasting session organised by Vice-Principal of the BCC Silvia Ranz at the BCC and a dinner at a local restaurant where Spanish cuisine and ambience were very much appreciated by participants. The next TEPARG meeting will be held in Barcelona on Saturday the 4<sup>th</sup> of March 2023. We look forward to seeing many of you there again and hope you will save the day.

Joanna Matthan

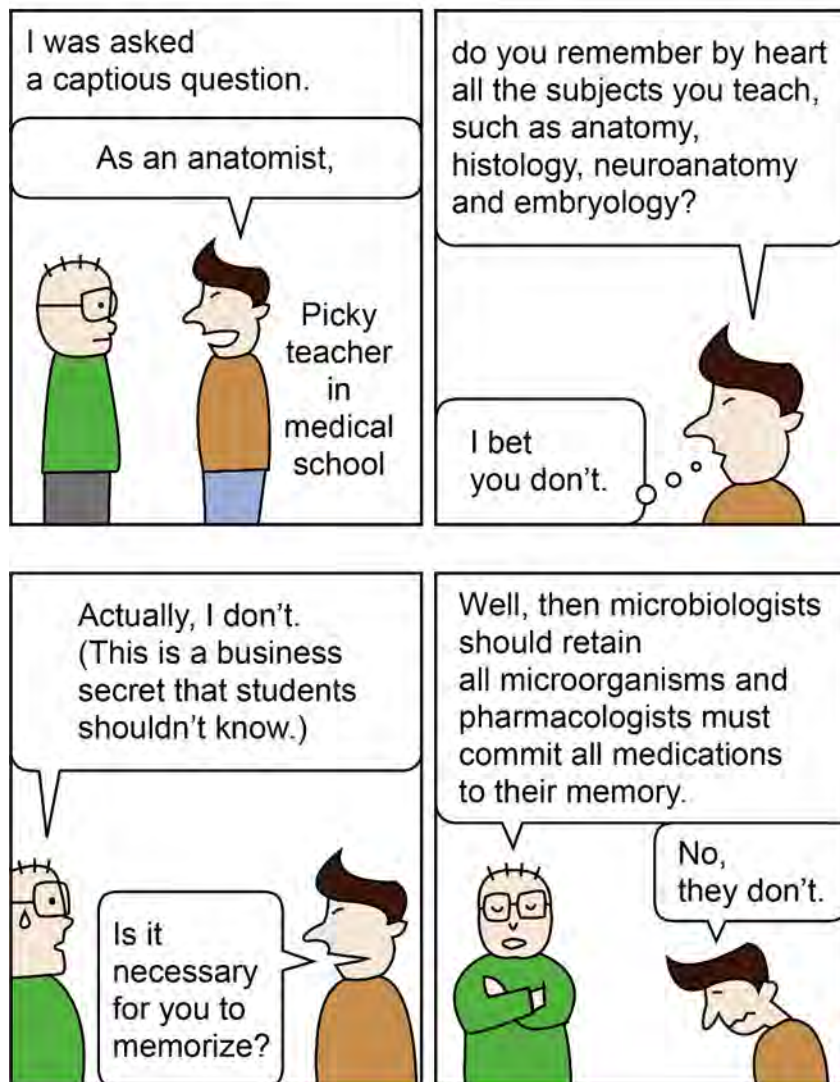
*TEPARG Secretary (Meetings)*



# Dr. Anatophil

MS Chung (anatomy.co.kr)

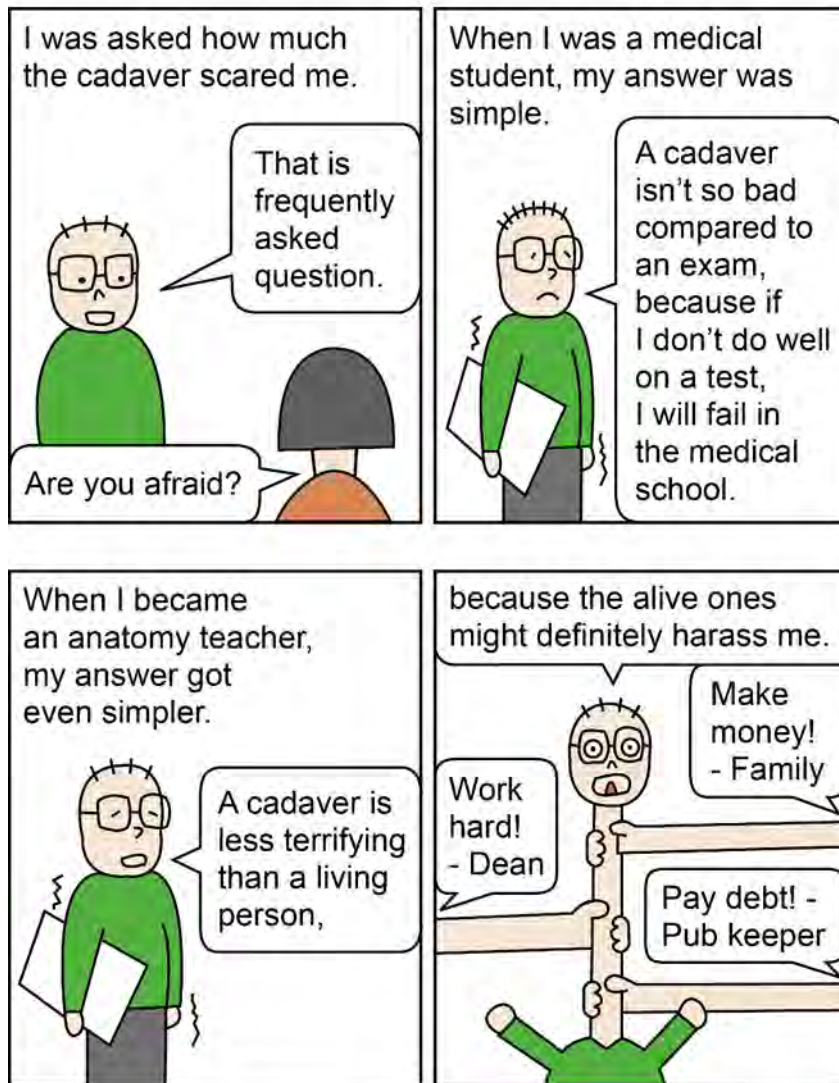
## Episode 3: Business secret of anatomists



# Dr. Anatophil

MS Chung (anatomy.co.kr)

## Episode 5: Cadaver does not scare me.





## International Federation of Associations of Anatomists

January, 2022



Dear Fellow Anatomists,

The 20th IFAA Congress date fast approaches on August 5-7, 2022.

Since the 20th IFAA Congress will be the first Online Congress of the IFAA, you will be participating in an historical event. In order to make it easier in these difficult economic times, the Organizing Committee has decreased the registration fee considerably and with no travel or accommodation costs this would be one of the most affordable Congresses in which you may ever take part. The Turkish Society of Anatomy and Clinical Anatomy looks forward to making the 20th IFAA Congress a truly “one of a kind” Congress in terms of attendance and anatomical sciences.

Groundbreaking symposia from different societies and countries, as well as proficient speakers will soon be announced. Please visit our website [www.ifaa2022.org](http://www.ifaa2022.org) regularly to get the latest information about the 20th IFAA Congress, the call for symposia, abstract submission and registration.



### Important deadlines:

February 28th: IFAA Emergent Anatomists Incen ve Award

April 22nd: Early Bird Registration

June 4th: Abstract Submission

### Erdoğan Şendemir

President of the XX IFAA Congress

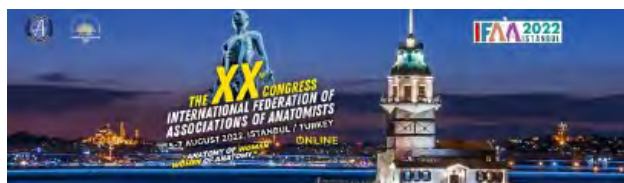
Professor of Anatomy,

Bursa Uludağ University, Turkey

### More Information about the XX Congress...



#### General Information



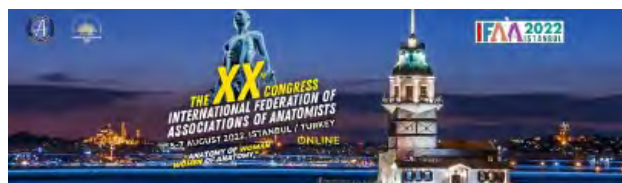
#### Main Topics



#### Abstract Submissions



#### Committees



#### Draft Program



#### Registration



### About Turkey and Istanbul

Plexus Newsletter

IFAA Website

Mailing address: Richard Haldi Cabral, R. Barão da Passagem, 416, São Paulo, São Paulo, 05087-000, BR

## *American Association for Anatomy (AAA)*

### *2022 Building Community Scholarship Recipients*

The Building Community Scholarship was created to fund members of the American Association for Anatomy (AAA), at all career stages, who are based at international institutions (including Canada and Mexico) to attend and present at the Annual Meeting.

A total of 6 awards will be funded for international members to attend the Annual Meeting in 2022.

- **Jacob Fanous**, Graduate Student, University of Western Ontario
- **Vincent Kipkorir**, Undergraduate Student, University of Nairobi
- **Izuchukwu Okafor**, Ph.D. Student, Nnamdi Azikiwe University
- **Stacey Skoretz**, Assistant Professor, University of British Columbia
- **Kapilan Panchendrabose**, Medical Student, University of Manitoba
- **Catherine Wang**, Undergraduate Student, McGill University





### *First cohort of the Anatomy Scholars Program*

We have selected the first AAA Anatomy Scholars Program (ASP) cohort! 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.



**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.



**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. The two-year program will begin at the 2022 Annual Meeting, held in conjunction with Experimental Biology.

## *American Association for Anatomy Awards*

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

**Philip Brauer, PhD, FAAA**, is currently Professor and Chair in the Department of Pathology and Anatomical Sciences, Kansas City University College of Medicine in Joplin, MO. He earned his BS in Biology from the University of Wisconsin-Stevens Point in 1977 and earned his Ph.D. in 1985 from the Medical College of Wisconsin in Milwaukee, WI. He did a postdoctoral fellowship in the Department of Biological Chemistry and Structure at the University of Health Sciences/The Chicago Medical School in North Chicago, IL and then later served as an Instructor in the Department of Anatomy and Cell Biology. He joined the Department of Biomedical Sciences at Creighton University 1990 and was promoted to Professor in 2008. In 2017, he joined Kansas City University of Medicine and Bioscience in Joplin, Missouri as Chair of Anatomy.

Dr. Brauer has received research grants from agencies including the National Institutes of Health, American Heart Association-National, and the Health Futures Foundation. He has served as a co-investigator on several National Science Foundation and National Institutes of Health grants. He has organized symposia for professional organizations, published his research in peer-reviewed journals, served as a peer reviewer for National Science Foundation, National Institutes of Health, the American Heart Association, and several science journals. He also served on the Editorial Board and Board of Reviewers for the journals, *Developmental Dynamics* and *Anatomical Record*.

Dr. Brauer teaches gross anatomy, histology, human embryology and developmental biology to nursing, pre-professional health care students, and medical students. His research interests are in the area cell-cell and cell-substrate interactions during embryonic development particularly as related to neural crest cells and their role in craniofacial and cardiac development. He has authored a review textbook on human embryology and is co-author of Larsen's Human Embryology textbook.

Dr. Brauer is a long-standing member of the American Association for Anatomy, has served as a Board member, President, and Past-President. He was named a Fellow of the AAA in 2015. He has also served on many committees.

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

**Philip Brauer, PhD, FAAA**, is currently Professor and Chair in the Department of Pathology and Anatomical Sciences, Kansas City University College of Medicine in Joplin, MO. He earned his BS in Biology from the University of Wisconsin-Stevens Point in 1977 and earned his Ph.D. in 1985 from the Medical College of Wisconsin in Milwaukee, WI. He did a postdoctoral fellowship in the Department of Biological Chemistry and Structure at the University of Health Sciences/The Chicago Medical School in North Chicago, IL and then later served as an Instructor in the Department of Anatomy and Cell Biology. He joined the Department of Biomedical Sciences at Creighton University 1990 and was promoted to Professor in 2008. In 2017, he joined Kansas City University of Medicine and Bioscience in Joplin, Missouri as Chair of Anatomy.

Dr. Brauer has received research grants from agencies including the National Institutes of Health, American Heart Association-National, and the Health Futures Foundation. He has served as a co-investigator on several National Science Foundation and National Institutes of Health grants. He has organized symposia for professional organizations, published his research in peer-reviewed journals, served as a peer reviewer for National Science Foundation, National Institutes of Health, the American Heart Association, and several science journals. He also served on the Editorial Board and Board of Reviewers for the journals, *Developmental Dynamics* and *Anatomical Record*.

Dr. Brauer teaches gross anatomy, histology, human embryology and developmental biology to nursing, pre-professional health care students, and medical students. His research interests are in the area cell-cell and cell-substrate interactions during embryonic development particularly as related to neural crest cells and their role in craniofacial and cardiac development. He has authored a review textbook on human embryology and is co-author of Larsen's Human Embryology textbook.

Dr. Brauer is a long-standing member of the American Association for Anatomy, has served as a Board member, President, and Past-President. He was named a Fellow of the AAA in 2015. He has also served on many committees.

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

**Philip Brauer, PhD, FAAA**, is currently Professor and Chair in the Department of Pathology and Anatomical Sciences, Kansas City University College of Medicine in Joplin, MO. He earned his BS in Biology from the University of Wisconsin-Stevens Point in 1977 and earned his Ph.D. in 1985 from the Medical College of Wisconsin in Milwaukee, WI. He did a postdoctoral fellowship in the Department of Biological Chemistry and Structure at the University of Health Sciences/The Chicago Medical School in North Chicago, IL and then later served as an Instructor in the Department of Anatomy and Cell Biology. He joined the Department of Biomedical Sciences at Creighton University 1990 and was promoted to Professor in 2008. In 2017, he joined Kansas City University of Medicine and Bioscience in Joplin, Missouri as Chair of Anatomy.

Dr. Brauer has received research grants from agencies including the National Institutes of Health, American Heart Association-National, and the Health Futures Foundation. He has served as a co-investigator on several National Science Foundation and National Institutes of Health grants. He has organized symposia for professional organizations, published his research in peer-reviewed journals, served as a peer reviewer for National Science Foundation, National Institutes of Health, the American Heart Association, and several science journals. He also served on the Editorial Board and Board of Reviewers for the journals, *Developmental Dynamics* and *Anatomical Record*.

Dr. Brauer teaches gross anatomy, histology, human embryology and developmental biology to nursing, pre-professional health care students, and medical students. His research interests are in the area cell-cell and cell-substrate interactions during embryonic development particularly as related to neural crest cells and their role in craniofacial and cardiac development. He has authored a review textbook on human embryology and is co-author of Larsen's Human Embryology textbook.

Dr. Brauer is a long-standing member of the American Association for Anatomy, has served as a Board member, President, and Past-President. He was named a Fellow of the AAA in 2015. He has also served on many committees.

### **Henry Gray Distinguished Educator Award**

**David Morton, PhD, FAAA**, is a Professor in the Department of Neurobiology and Anatomy at the University of Utah School of Medicine (UofU SOM).

His research interests include the creation and incorporation of flipped classroom and active learning activities as well as the use of cadavers in medical education. Dr. Morton serves as a Fellow on the Academy of Medical Science Educators at the UofU SOM and is the recipient of the Jarcho Distinguished teaching award. He was the University of Utah's Outstanding Allied Health Teacher of the Year from 2018- 2021. He was named Fellow of the American Association for Anatomy in 2021.

He has regularly taught throughout Ghana: in the University of Ghana, Accra; as part of the Public Health: Ghana Project; as Visiting Professor at the Kwame Nkrumah University of Science and Technology in Kumasi, the University for Development Studies in Tamale, and the University of Health and Allied Sciences in Ho.

Dr. Morton has an extensive record of mentoring, ranging from University of Utah undergraduates, medical students, graduate-level students, allied health students, Fellows and junior faculty. A 20-year + member of AAA, he served on the Board of Directors 2014-2017.

### **Henry Gray Scientific Achievement Award**

**Katherine Yutzey, PhD, FAAA** is a Professor at the Children's Hospital Medical Center, University of Cincinnati College of Medicine. Her research program's goals delve into examining and manipulating molecular regulatory mechanisms in heart development and disease. Several years of her lab's research work shows that regulatory hierarchies necessary for development of cardiac muscle, valves and fibroblasts also play a part in heart disease. Dr. Yutzey and colleagues have put forward great effort and devotion toward analyzing the molecular and cellular mechanisms of valve development, muscle cell maturation and fibroblast lineages in normal and diseased hearts.



One of Dr. Yutzey's main tasks as a principal research scientist is to mentor the trainees in her lab. Over the past 20 years, she has trained over 20 pre-doctoral and post-doctoral trainees to develop their research and careers. These trainees have gone on to become senior scientists in the pharmaceutical and biotechnology industries and gain faculty positions in academic research. She has served on grant review panels, editorial boards, and has served as board member, and Scientific Affairs Committee member and Chair. For her diligent work, Katherine received the "Top Reviewer" award from Circulation Research, one of the top journals in the cardiovascular field.

Dr. Yutzey has been a member since 2009 and was named a Fellow of the American Association for Anatomy in 2019.

### **Fellows**

The rank of Fellow of the American Association for Anatomy (FAAA) honors distinguished members who have demonstrated excellence in science and in their overall contributions to the anatomical sciences. Since 2008, 100 members have been recognized as Fellows. This year, we add five – meet this year's esteemed Class of Fellows.

A member since 2007, Anne Burrows, Ph.D. is a professor of Anatomy in the Department of Physical Therapy at Duquesne University in Pittsburgh, PA. She currently serves on the Board of Directors. Her research focuses on primate feeding biomechanics, non-vocal communication, and primate facial expression and its evolution.

Valerie DeLeon, J.D., Ph.D. is an Associate Professor in the Department of Anthropology at the University of Florida and current President of AAA. Her lab investigates sources of anatomical variation in humans and other primates using 3D virtual morphology. She has been a member since 2006.

A member since 2005, Martine Dunnwald, Pharm.D., Ph.D., is a Research Associate Professor of Anatomy and Cell Biology at the University of Iowa. She is currently serving as President-Elect of AAA. Her research focuses on epidermal development and regeneration and orofacial clefts.

Ralph Marcucio, Ph.D., is a Professor in the Department of Orthopaedic Surgery and the Director of the Laboratory for Skeletal Regeneration at the Orthopaedic Trauma Institute (OTI) at the University of California, San Francisco. His research focuses on craniofacial development and during embryogenesis, and bone fracture healing in adults using avian and rodent models. Dr. Marcucio has been a member since 2007. He currently serves on the Board of Directors as Program Co-Chair.

Timothy Smith, Ph.D. is a professor in the Department of Physical Therapy at Slippery Rock University in Slippery Rock, PA. He has been a member since 1998 and currently serves as a member of the Scientific Affairs Committee. His research interests focus on craniofacial and muscular skeletal growth and development.

### **Basmajian Award**

**Rachel Menegaz, Ph.D.**, is an Assistant Professor at the Center for Anatomical Sciences at the University of North Texas Health Science Center. She has been a member since 2013. Her research investigates the associations among the mechanical properties of diet, phenotypic plasticity, and ontogeny/aging in masticatory tissues. She is also the director of the Summer Opportunities in Anatomy Research (SOAR) Program.

### **Excellence in Diversity, Equity and Inclusion**

Gary J. Farkas, Ph.D. is a Postdoctoral Fellow in the Department of Physical Medicine and Rehabilitation at the University of Miami Miller School of Medicine. Dr. Farkas received a B.S. in kinesiology from the University of Illinois at Chicago and a Ph.D. in anatomy from Penn State College of Medicine. His research has primarily studied causes for and dietary and exercise interventions on neurogenic obesity and cardiometabolic disease after longstanding spinal cord injury. Dr. Farkas has published over 3 dozen scholarly papers in peer-reviewed journals and presented at national and international conferences. He has also taught anatomy to graduate, medical, physician assistant, physical and occupational therapy, and pharmacy students, as well as physical therapy residents and resident physicians. As a proud LGBTQ+ individual, he is an avid champion of diversity, equity, and inclusion, as well as accessibility and health promotion for persons with disabilities.

## **Outstanding Mentor Award**

**Paul Trainor, Ph.D.** is a professor in the Department of Anatomy and Cell Biology of University of Kansas School of Medicine and faculty at the Graduate School of the Stowers Institute for Medical Research. He received his BSc in Genetics and Biochemistry from the University of Sydney, Australia and his Ph.D. in Developmental Biology at the Children's Medical Research Institute in Sydney, Australia. His research focuses on craniofacial, neural crest cell, and developmental biology. Dr. Trainor encourages his team members to follow his example and take frequent breaks from the lab. He currently serves as the editor of our journal, *Developmental Dynamics*.

## **Early-Career Investigators**

These awards recognize investigators in the early stages of their careers who have made important contributions to biomedical science through their research.

## **C.J. Herrick Award in Neuroanatomy**

**Michael Yartsev, Ph.D.**, completed his B.Sc. and M.Sc. in Biomedical engineering at the Ben-Gurion University in 2007, and received his Ph.D. in Neuroscience from the Weizmann institute in the laboratory of Nachum Ulanovsky. He was subsequently a C.V. Starr fellow in neuroscience in the Princeton Neuroscience Institute where he completed a post-doc in the laboratory of Carlos Brody. Since 2015 he has been an Assistant Professor at UC Berkeley with a joint appointment in the department of Bioengineering and the Helen Wills Neuroscience Institute. Research in his laboratory utilizes the bat as model system to study the neural mechanisms of complex spatial, social and acoustic behaviors, with focus on the neural computations underlying spatial navigation, group sociality and vocal communication/learning.

## **H.W. Mossman Award in Developmental Biology**

**Yan Jing, DMD, PhD**, is clinician scientist who is trained in both basic and clinical sciences directly linked to mandibular biology and orthodontics. Her main researches focus on the key roles of chondrocyte-derived bone cells in condylar development and remodeling. As a joined trained Ph.D. student and then postdoctoral fellow, she spent over three years in Dr. Jian Q. Feng's lab (Dallas, TX) on learning in vivo gene knockout studies, cell lineage tracing, Laser capture, and different histological imaging techniques. Since then, Dr. Jing was promoted to Research Assistant Professor in the Department of Orthodontics in Texas A&M University College of Dentistry.

## **R.R. Bensley Award in Cell Biology**

Patricia Ward, Ph.D., is an Assistant Professor in the Department of Cell Biology at the Emory University School of Medicine. She received her M.S. and Ph.D. in Anatomical Sciences and Neurobiology from University of Louisville. Her research focuses on how activity-based therapies enhance axon regeneration after injury.

## **W.M. Cobb Award in Morphological Sciences**

Akinobu Watanabe, Ph.D., received his Ph.D. in Comparative Biology from Richard Gilder Graduate School at the American Museum of Natural History in 2016, an M.Sc. in Biological Science from Florida State University in 2012, and a B.A. in Biological Sciences and Geophysical Sciences, as well as a Minor in Music from University of Chicago in 2009. His non-academic interests include playing the violin, running, and tennis.

## **Fellows Grant Award Program (FGAP)**

This Program supports research proposals submitted to major funding agencies that, although well reviewed, did not receive funding. FGAP aims to help researchers revise grant applications in anticipation of resubmission for approval. This year, FGAP will fund two projects:

**Walid Fakhouri, Ph.D.**, is an Assistant Professor at the Department of Diagnostic and Biomedical Sciences at the University of Texas Health Science Center at Houston. Dr. Fakhouri's research focuses on genetic and epigenetic factors that lead to craniofacial birth defects. In 2019, he was awarded the Early-Career Anatomist Publication Award. He has been a member since 2018.

**Philippe Campeau, Ph.D.** is a Clinical Associate Professor in the Department of Pediatrics at the University of Montreal. His lab investigates genetic and epigenetic causes of neurodevelopmental disorders and skeletal dysplasias. He has been a member since 2019.

### **Postdoctoral Fellowships**

This award provides salary support to postdoctoral trainees working in any aspect of biology relevant to the anatomical sciences, including both basic science research and education research.

**Faye McGeachie, Ph.D.** Postdoctoral Scholar, University of Chicago

**Carrie Leonard, Ph.D.** Postdoctoral Scholar, University of Maryland

**Yasmeen Mezil, Ph.D.** Anatomy Senior Lab Demonstrator, Brock University

### **Education Research Scholarship**

**Colleen Cheverko**

Anatomical Sciences Lab Supervisor, Edward Via College of Osteopathic Medicine



## UPCOMING EVENTS

### *American Association for Anatomy*



### *Association of Clinical Anatomists (AACA)*

#### **AACA 37<sup>th</sup> Annual Conference – June 13-17, 2022, in Fort Worth, TX**

The 37<sup>th</sup> Annual Meeting of the American Association of Clinical Anatomists will take place June 13-17 in Fort Worth, Texas. Drs. Rustin Reeves and Cara Fisher with The University of North Texas Health Science Center will be the local hosts welcoming attendees and holding various meetings on campus, including the Post Graduate Course. The majority of the conference will be held at The Worthington Renaissance Hotel in downtown Fort Worth. The Association is excited to be back in-person for the conference and encourages interested parties to register early for preferred pricing and book hotel rooms before the block is full. The American Association of Clinical Anatomists has put in place preventative measures to attempt to reduce the spread of COVID-19. All attendees are required to: provide proof of vaccination, or the results of a negative COVID-19 test (performed up to 48 hours prior to arrival) upon arriving at the event at registration; along with wearing a mask at the event in public spaces, except while actively eating.

#### **Presidential Speaker – Malika Fair, MD, MPH, FACEP**

The 2022 presidential speaker will be Dr. Malika Fair, the Senior Director of Equity and Social Accountability at the Association of American Medical Colleges (AAMC). Dr. Fair develops programs and initiatives with multidisciplinary partners and local communities to advance equity, racial justice, population health, and accountability in academic medicine. She is also an Associate Clinical Professor of Emergency Medicine at The George Washington University School of Medicine and Health Sciences. Dr. Fair completed her residency training and chief residency at Carolinas Medical Center, received her medical and Master of Public Health degrees from the University of Michigan, and Bachelor of Science from Stanford University.

#### **Post Graduate Course – Surgical Hand Transplant with Steven Moran, MD**

This year's post graduate course will take place at The University of North Texas Health Science Center on Friday, June 17. Dr. Steven L. Moran, MD, from the Mayo Clinic in Rochester, MN, will be walking participants through the exciting process of conducting a hand transplant. Course participants will work in teams of four to prepare a matched pair of donor and recipient hands for transplantation. Orthopedic surgical residents from John Peter Smith Hospital will be present to assist participants with attaching the bones and suturing structures together.

### **Honored Member of the Year**

The 2022 AACA Honored Member is Cornelius Rosse, MD., DSc., Professor Emeritus at the University of Washington. 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.

### **Conference Highlights**

This year's conference will once again host the latest research for clinical anatomy application, education, and clinical practice through committee meetings, symposia, lectures, and the exhibit hall. The two highlighted symposia will be hosted by the Anatomical Services Committee and the Educational Affairs Committee of the AACA. Other portions of the conference will include receptions, a Trivia Night, Awards Banquet, and more!

**20<sup>th</sup> IFAA Congress, Online, August 5-7, 2022.**

Dear Fellow Anatomists,

The 20<sup>th</sup> IFAA Congress date fast approaches on **August 5-7, 2022**.

Since the 20<sup>th</sup> IFAA Congress will be **the first Online Congress of the IFAA**, you will be participating in a historical event. In order to make it easier in these difficult economic times, the Organizing Committee has decreased the registration fee considerably and with no travel or accommodation costs this would be one of the most affordable Congresses in which you may ever take part. The Turkish Society of Anatomy and Clinical Anatomy looks forward to making the 20<sup>th</sup> IFAA Congress truly a “one of a kind” Congress in terms of attendance and anatomical sciences.

Groundbreaking symposia from different societies and countries, as well as eminent speakers will soon be announced.

Please visit our website **www.ifaa2022.org** regularly for the latest information about the 20<sup>th</sup> IFAA Congress, the call for symposia, abstract submission and registration.

**Important deadlines:**

**February 28<sup>th</sup>:** *IFAA Emergent Anatomists Incentive Award*

**April 22<sup>nd</sup>:** *Early Bird Registration*

**June 4<sup>th</sup>:** *Abstract Submission*

**Erdoğan Şendemir**

President of the XX IFAA Congress

Professor of Anatomy,

Bursa Uludağ University, Turkey