



PLEXUS

THE NEWSLETTER OF THE INTERNATIONAL FEDERATION OF ASSOCIATIONS OF ANATOMISTS

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ANZACA eConference, University of Otago, Dunedin, New Zealand, December 4, 2020
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EDITORIAL

Dear Colleagues,

Welcome to this edition of Plexus where we bring you the latest news from our members and keep you updated on upcoming deadlines. Thank you to all those who have contributed articles. Please keep them coming!

We would like to salute Professor Erdogan Sendemir for initiating the first "World Anatomy Day" in October 2019. Please let us know how your association will be celebrating this day in 2020. All contributions and especially photos very welcome.

We hope that all of our members around the world are staying safe and well during the COVID-19 pandemic.

If you have any news, events or announcements that you would like to see published in the next issue of Plexus, please send us an email.

Also, please remember that you can also visit our website (www.ifaa.net) at any time for all the very latest news.

With best wishes

Isabel and Shiby

A MESSAGE FROM THE IFAA PRESIDENT

Dear colleagues,

It is wonderful to be in touch with you again through the auspices of Plexus, the newsletter of the International Federation of Associations of Anatomists (IFAA). While the past few months have been very difficult for everyone, I look forward to the future with hope that a vaccine will soon be found and that we will all be able to continue with our lives. My hope too is that anatomy will continue to flourish and that we as educators and researchers will find solutions to the many challenges that have been brought about by this pandemic.

I would like to share with you some news from the Executive Board of the IFAA:

1. Referendum on the use of RAT or Latin in the anatomical terminologies

Recently the member associations of the IFAA were requested to vote on a referendum concerning the use of either Regular Anatomical Terms (RAT) or Latin as the primary set of terms for use in the anatomical terminologies. The anatomical Terminologies used by anatomists around the world are produced by the Federative International Programme on Anatomical Terminology (FIPAT) of the IFAA. Documentation was supplied to the member associations to assist them in making a decision on the pro's and con's of RAT and Latin - please see the IFAA Website (www.ifaa.net) for copies of these documents.

The final outcome of the referendum was: 40 votes for RAT and 30 votes for standard Latin. Of the 49 member associations of the IFAA, responses to the referendum were received from 40. Of the associations that participated, 20 voted for RAT and 18 voted for standard Latin. Two societies' votes were considered spoilt ballots.

The introduction of RAT as the primary terms will, in time, be applied to all the terminologies. However, it is acceptable to use Latin terms if preferred, as Latin will become the 1st synonym in the terminologies.

2. Chairman and members of the Federative International Programme on Anatomical Research (FIPAR)

I would like to welcome **Professor Han-Sung Jung** of the Korean Association of Anatomists as the new Chair of FIPAR. Professor Han-Sung Jun is joined by the following members who make up the FIPAR team: Quentin Fogg (Australia), Fabrice Duparc (France), Friedrich Paulsen (Germany) Teresa Vazquez (Spain), Anne Aguar (Canada), Andrew Dilley (United Kingdom), James Coey (United Kingdom), Margaret McNulty (United States). Please read the remit of FIPAR on the IFAA Website. We wish the Chair and team productive developments in the research portfolio.

3. IFAA's World Anatomy Day

The IFAA's annual World Anatomy Day (WAD) was once again celebrated on October 15th. WAD coincides with and honours Vesalius as one of the founding fathers of our discipline as he died on this day. Many member associations celebrated this day in a variety of formats.

This year an IFAA WAD Webinar was initiated which was hosted by the Chair of the IFAA's Education and Research Programme, Professor Nalini Pather. The Webinar was streamed from the IFAA Website at UTC 10.00. For more information on the exciting programme, visit www.ifaa.net.

4. IFAA Congress 2021 postponed

Due to the pandemic, the IFAA Congress which was to be held in Istanbul in August 2021, has been postponed. The Congress will now take place in August 2022. I would like to appeal to all IFAA member associations to make every effort to send representatives to the Congress in 2022 and to place local society plans for international Congresses on hold for that year. I would like to thank the Organizing Committee of the Turkish Association of Anatomists for their timely decision and notification of the postponement of the Congress.

Keep the flag of anatomy flying high!
Stay safe! Stay healthy!
With warm wishes, Bev Kramer
President: IFAA

Mourning Professor David Brynmor Thomas, Past President of the IFAA

Professor Emeritus David Brynmor Thomas: 1931 to 2020

Professor David Brynmor Thomas, a past-President of the International Federation of Associations of Anatomists (IFAA), has died at the age of 89. The epitome of an academic, David made outstanding contributions to teaching, research and academic life in general.

David left his beloved Wales to read medicine in London, first graduating from University College London in 1952 with a Bachelor of Science degree with special Honours in Anatomy. He was thus set on a pathway that he would follow in later years. In 1956, David graduated with a Bachelor of Medicine and Bachelor of Surgery degree. His research on haemopoietic and lymphoid tissues led to a Doctor of Science degree in 1976 from the University of Birmingham.

Between 1956 and 1959, David worked in the clinical domain, but returned to academia as a lecturer in Pathology from 1961 -1965. However, the call of anatomy was strong and in 1965 he was appointed as Lecturer in Histology and Cellular Biology at the Department of Anatomy, University of Birmingham. Less than 10 years later, in 1973, David was appointed the Bute Professor of Anatomy and Experimental Pathology and Chair of Anatomy at the University of St. Andrews. Following his retirement in 1996, he became Emeritus Professor and Honorary Professor of the University.

David Brynmor Thomas was a long-time member of the Anatomical Society, becoming in 1991 its President. In addition, he was a Fellow of the Institute of Biology, a Fellow of the British Association of Clinical Anatomists, a Fellow of the Royal College of Pathologists, FRC of Physicians of London, FRC of Physicians of Edinburgh, Fellow of the Royal Society of Medicine, FRS of Edinburgh and FRS of Arts. He was also one of the founders of the European Federation of Experimental Morphology (EFEM).

David's academic career was peppered with honours and awards. Special mention should be made of recognition for his research on pregnancies associated with diabetes mellitus while he was still a student. Honorary Membership was bestowed on him by the Anatomische Gesellschaft, the Italian Society of Anatomy and the American Association for Anatomists.

David was a devoted developer of young minds, not only of his own postgraduate students and postdoctoral fellows but also of young academics from around the world. He became a life-long friend and mentor to many. David extended the hand of friendship to scientists who were from countries that were seen to be political pariahs, for he held that politics had no place in science.

Professor Brynmor Thomas was President of the International Federation of Associations of Anatomists (IFAA) between 2000 and 2009, serving the Federation with distinction. As a member of the IFAA's anatomical terminology committee for many years, David was instrumental in setting up the Federative International Programme for Anatomical Terminology (FIPAT). In 2003, the Newsletter of the IFAA, Plexus, was initiated under David's Presidency. This broadened communication between member Associations and allowed comment and discussion on anatomical matters of interest from around the world. David's "Revitalization" of the IFAA also introduced many of the Programmes and Committees which are in existence in the IFAA today. During periods of academic turbulence for the anatomical sciences, David brought to the fore his great skills in diplomacy for the benefit of the discipline.

TRIBUTES AND OBITUARY

Although physically frail, David attended the IFAA Congress in London in July 2019, where many were delighted to renew his acquaintance and friendship. At the time of his death, together with some colleagues, he was working on the history of the IFAA.

His extensive knowledge and wisdom, and his wonderful friendship to many of us, will be sorely missed.

The IFAA extends its sincere condolences to Professor Brynmor Thomas' son David and to his family.

Beverley Kramer

President: IFAA

Bernard Moxham

Immediate Past-President: IFAA

Mourning Professor David Brynmor Thomas (from Chinese Society of Anatomical Sciences (CSAS))

We are shocked to learn of the death of Professor David Brynmor-Thomas, past-President of the IFAA and a dear friend of the Chinese Society of Anatomical Sciences (CSAS). We remember Professor Thomas with deep sorrow. He was present at both the 18th IFAA congress in 2014 in Beijing and the 25th ISMS congress in 2017 in Xi'an, China. Chinese colleagues will remember him for his efforts in strengthening the international professional connections between the CSAS and worldwide anatomical societies, promoting better understanding and closer friendship between the Chinese people and the people of countries all over the world. His amiable voice and smile will remain in our memory forever. All members of CSAS mourn the highly respected and deeply loved senior anatomist Professor David Brynmor-Thomas.

May your soul rest in heaven!

Chinese Society of Anatomical Sciences (CSAS)

A Tribute to Professor Karl Zilles

With deep sorrow and grief I share the sad news of the death of Professor Karl Zilles, Member of Anatomische Gesellschaft. He served the international anatomical community for many years with great dignity and dedication and was the President of the European Federation of Experimental Morphology (EFEM). We lost a distinguished anatomist and dear colleague.

The Anatomische Gesellschaft mourns the passing of its highly esteemed member **Professor Emeritus Karl Zilles**, who died on 26 April 2020 after a long and serious illness. Karl Zilles was Director of the Institute of Anatomy at Heinrich Heine University Düsseldorf for many years, later of the Institute of Neurosciences and Biophysics and finally of the Institute of Neurosciences and Medicine at Forschungszentrum Jülich. He headed the C. and O. Vogt Institute for Brain Research at Heinrich Heine University in Düsseldorf for many years and was thus the second head of the Institute after the two eponyms, whose great tradition he revived. In addition to many other tasks, he also held the presidency of the European Federation of Experimental Morphology (EFEM) for a period of office and was a member of the board of the Anatomische Gesellschaft from 1993-1997 and its president from 1996-1997.

In order to give everyone the opportunity to say goodbye in these special times, Katrin Amunts, as a close confidante and student of Karl Zilles, has set up a digital book of condolence so that friends, colleagues and companions have the opportunity to commemorate Karl Zilles - with words, pictures or a candle. It can be accessed via the following link: <https://trauer.op-online.de/traueranzeige/profdrmeddrmed-hc-karl-zilles>

The Anatomische Gesellschaft will honour Karl Zilles' memory, and the EFEM joins them in this difficult moment.

On behalf of the EFEM Executive Board

Proceedings of the 19th IFAA Congress, 9th-11th August 2019, London, UK

Abstracts of the presentations made at the 19th IFAA Congress have now been published in the Journal of Anatomy (Open Access online, Volume 236, supplement 1). They can be accessed via Wiley Online Library (WOL) or directly via:

<https://onlinelibrary.wiley.com/toc/14697580/2020/236/S1>

Fascia Academy: Relevant Research Explained by Experts

Fascia continues to gain interest worldwide from researchers, physicians and many subdivisions of manual medicine including massage therapists because it permeates every structure and its function in the human body. If your healthcare professional students have not heard about the importance of fascia they definitely should and if your residents have not heard about the manifestations of fascia health they definitely will from their patients. While fascia may not be the sexiest of organ systems it is one of the body's most influential.

The Fascia Research Society (FRS) serves as the international cross-roads for those with an interest in fascia. Whether you teach students in schools of medical, veterinary, dental, physiotherapy or occupational therapy, connective tissue has a place in academia.

In March 2020 FRS launched the webinar series "Fascia Academy" to promote the dissemination of scientific knowledge across multiple time zones to a community passionate about patient wellness and sound scientific study of the largest organ of the body: the extracellular matrix, or interstitium. Honored guests included Drs. Carla Stecco, Robert Schleip, Joeri Calsius, Helene Langevin, Keith Baar and Paul Hodges to name a few.

In total, the Fascia Academy highlighted fourteen outstanding professors in their field to over 1100 attendees. Audiences were intrigued by new possibilities for fascial diagnoses with T1rho MRI, confocal microscopy of sensory fibers, excitation of nociception receptors, strength training and force vectors, and tissue memory associated with chronic pain. Each webinar proved to be clinically relevant, applicable to the attendee's practice and easy to follow.

To see a complete listing of all recorded webinars please visit the Fascia Research Society (FRS) www.fasciaresearchsociety.org. For additional correspondence please contact the host of FRS's Fascia Academy Dr. Rebecca Pratt at rebeccapratt@oakland.edu

*American Association for Anatomy (AAA)
STAYING CONNECTED DURING THE PANDEMIC*

At the core of AAA is connecting people. During the COVID pandemic, that has looked quite different, but the Association has taken many steps to ensure those connections remain strong. Below are some of those efforts – and ways for you to make new connections of your own with anatomists around the globe.

Sixteen members told us about their work, research, and at-home adventures in isolation due to the pandemic, including AAA President Rick Sumner. See what they said: www.anatomy.org/AtHomeWithAAA

Volunteers launched an ongoing project profiling historical and current anatomists related to various medical discoveries, awareness weeks, and individual accomplishments. See the profiles on Facebook: https://www.facebook.com/pg/Anatomists/photos/?tab=album&album_id=10159437465059218

Beginning in May, the Association started publishing a weekly newsletter to provide members with connections and resources related to COVID-19, as well as critical updates on research, events, and advocacy. The newsletter is emailed to members every Wednesday and is also available online. To get it in your inbox, become a member! See all the benefits of membership in AAA: www.anatomy.org/benefits

ANNUAL MEETING UPDATES

Though Experimental Biology 2020 was canceled due to COVID, the Association offered a variety of activities during a Virtual Annual Meeting Week. View the archives, hear from award winners, and peruse the BioArt winners: www.anatomy.org/VAMW.

In an effort to maintain health and safety, it was also announced that Experimental Biology 2021 will be held virtually. More information is available on experimentalbiology.org.

NEW RESOURCES ON ANATOMY EDUCATION

AAA members have created several new and important resources, many of which are freely available. They include:

Micro-content on Ethics & Professionalism in Teaching the Anatomical Sciences

(www.anatomy.org/AAA/Resources/Anatomy-Education-Resources.aspx#Ethics) – PowerPoint slides on topics ranging from Medical Assistance in Dying to HeLa Cells.

Virtual Anatomy Survey (www.anatomy.org/resources) – collecting and reporting data on how anatomy educators are adapting to the online environment.

Prioritizing Cadaveric Dissection (www.anatomy.org/AAA/Resources/Report-Prioritizing-Cadaveric-Dissection.aspx) – a report examining the necessity of funding and safely opening cadaver labs for teaching human gross anatomy, even during the pandemic.

Support for International Scientists (www.anatomy.org/advocacy) – leveraging the power of the pen, AAA signed on to numerous statements supporting sound science and the non-discrimination against scientists, regardless of race or nationality.

World Anatomy Day celebrations- 15th October 2020

World Anatomy Day, Belarusian Scientific Society of Morphologists, Belarus





People first life supreme
Chinese Society of Anatomical Sciences (CSAS)

Within the background of major achievements in COVID-19 epidemic prevention and control in China, on the 15th October 2020, the Chinese Society of Anatomical Sciences (CSAS) hold an activity to commemorate the **World Anatomy Day** in Shanghai. Prof. Yun-Qing Li, the vice president of International Federation of Associations of Anatomists (IFAA), introduced Prof. Andreas Vesalius, the father of modern anatomy; and called for the whole members of CSAS to commemorate the **World anatomy day**, so that the public can understand more about the significance of anatomy to modern medicine, especially during the COVID-19 pneumonia epidemic around the whole world today (Fig.1). There are about 2,000 people browsed online Virtual Symposium.



Fig.1: Prof. Yun-Qing Li introduced Prof. Andreas Vesalius and the **World anatomy day** to his Chinese colleagues and members of the CSAS

WUHAN

Wuhan was the main battleground and decisive battle COVID-19 pneumonia epidemic area in China, the people experienced a soul stirring battle against the epidemic. There are 50,340 confirmed cases, 46,471 cases were cured and 3,869 cases died. Although the situation is grim, not only the clinical medical staff unremitting retrograde to go against the epidemic, but also the comprehensive support from basic medical life sciences. For example, on February 16th 2020, the first autopsy of COVID-19 pneumonia was completed in Wuhan golden silver hospital, Wuhan, China, by professor Liang Liu in Huazhong University of Science and Technology Tongji Medical College (Fig.2). As of February 25th, 11 COVID-19 pneumonia deaths were pathologically dissected. The results of pathological anatomy play an important role for understanding and treatment of the COVID-19 pneumonia disease. And through the media publicity, the family members of the deceased also understood the significance of pathological anatomy.



Fig. 2: Prof. Liang Liu in protective clothing (left) and his team for pathological anatomy (right).

On October 15, 2020, Hubei Medical University, located in Shiyan City, Hubei Province, successfully held a series of activities to commemorate the second **World Anatomy Day**. The first lesson of medical students is to salute their "Voiceless teachers". The students dressed in white covering coats presented the holy white chrysanthemum on the memorial wall of body donation (Fig. 3). They observed a moment of silence to express the high respect and gratitude of medical students to the "speechless stylist". The medical students reviewed the oath of anatomy, word by word, sonorous and powerful, that strengthened the students' faith and determination to heal the wounded and rescue the dying.



Fig. 3: The students saluted to and prayed for the voiceless teachers in frontal of the memorial wall of body donation.

As a provincial medical university in Hubei, Hubei University of Medicine keeps showing the great love the local community and students dedicate their life to promote local development. The college carried out the theme activity of the school with banners reading "school community hand in hand, health education into the community" (Fig. 4).



Fig. 4: Student volunteer demonstrated life-saving first aid skills to the community. Make everyone to be a rescuer!

HUNAN

As the neighbor of Hubei province, a ceremony was hold in the Central South University Xiangya School of Medicine, Changsha China, on October 15, 2020. The event was organized by Hunan Anatomical Science Association (HASA) and the Xiangya Medical School of Central South University (CSU), with medical students and school officials participated in. Anatomic teacher introduced the history and progression of Anatomical Sciences, including the legendary contribution by Andreas Vesalius to modern Human Anatomy (Fig. 5, left). Students were learned the human body donation program in the school oversight by Hunan Red Cross Society. After the gathering, students and faculty members paid solemn tribute to those who donated their bodies for medical education (Fig. 5, right).



Fig. 5: Teacher introduced the world anatomy day in anatomy laboratory (left). The student and faculty members paid solemn tribute to the body donates(right).

BEIJING

Beijing Society of Anatomy Science commemorated the second **world anatomy day**. An opening ceremony of human anatomy at Peking Union Medical College (Fig.6 left and right); Peking University Health Center (Fig.7 left), and Capital Medical University separately (Fig.7 right). The students and the faculty members expressed their highest respect to the “Silent Mentors”.



Fig. 6: Faculty members (left) and students (right) expressed their highest respect to “Silent Mentors” in Peking Union Medical College.



Fig. 7: In anatomy laboratory in Peking University Health Center (left), and in life exhibition hall in Capital Medical University (right), teachers introduced Andreas Vesalius to students.

TIANJIN

Teachers and students hold a commemorative activity of World Anatomy Day with the theme of “gratitude, love and respect for physical fitness teachers” in Tianjin Medical University. All the teachers and students in the ceremony pay tribute to the respected old headmaster and all the general teachers, read the Anatomy Oath and cherish the memory of the general teacher. They also held a solemn flower offering ceremony in front of Xianyi Zhu’s Monument and Anatomy Teaching Room (Fig. 8).



Fig. 8: A commemorative activity of World Anatomy Day in Tianjin Medical University

GUIZHOU

In memory of the second **World Anatomy Day** and expressing gratitude to “Silent Mentors”, the Zunyi Medical University in Guizhou Province hold an opening ceremony (Fig. 9).



Fig. 9: A ceremony of World Anatomy Day was hold in Zunyi Medical University

GANSU

In Lanzhou University in Gansu Province, northwest of China, on the morning of World Anatomy Day, professor Yi-Ping Hou led young teachers Yu-Feng Shao and Jun-Fan Xie and graduate students and undergraduates to Gansu Provincial Memorial Garden for Body and Organ Donors to mourn the donors (Fig. 10, left). On the afternoon of World Anatomy Day, a thanksgiving ceremony to the donors was held in the classroom (Fig. 10, right).



Fig. 10: The World Anatomy Day in Gansu Provincial Monument for Body and Organ Donors (left) and in Lanzhou University (right), grateful activities for body donors were held to commemorate the 2nd World Anatomy Day.

GUANDONG

October 15, 2020 is the second "**world anatomy day**" to commemorate Andreas, the founder of modern anatomy, a commemorative activity was hold in Southern Medical University in Guanzhou China. We should strengthen the society's awareness of anatomy, try to change the society's understanding of anatomy, attract more young scientists into the field of anatomy, and solve the shortage of cadaver donors. Students raised their right hands and solemnly swore: "I will give the general teacher enough respect and promise to do what I say in the name of medical students"(Fig.11).



Fig. 11A: Total 185 students of 2020 clinical medicine and basic medicine class solemnly swear



Fig. 11 B,C: 2018 clinical students solemnly and studying in laboratory

INNER MONGOLIA

The 26th National Training Program of Sectional and Imaging Anatomy and Clinical Application was held in Hohhot of Inner Mongolia from October 15th to 19th, 2020. More than 100 anatomy teachers and clinicians from over 20 universities and hospitals in China participated in the event which was held both online and offline to commemorate the Second World Anatomy Day at Oct 15th, 2020 (Fig 12).



Fig. 12: A commemorative symposium was hold in Inner Mongolia

Today, all the students around China are studying inside the campus of university as normal as before the outbreak of COVID-19 pneumonia. They are Listening a lecture of life sciences in the classroom; dissecting human bodies in anatomy laboratory; Sporting in the gymnasium. But they know today's daily normal life is so hard to come, they deep gratitude to so many doctors, nurses and Social volunteer's hard working and even death in the fight against the COVID-19 epidemic. Remembrance the dead in this COVID-19 epidemic. Chinese people have experienced an unforgettable panic: they have to been isolated at home for a long time and kept social distance, students can only start classes online.....as a medical student cherish today's learning time, they know their duty in the future, to be a good doctor serve people, **People first life supreme.**



Vision

To be helpful in health promotion of people by enhancing the knowledge of anatomy as a part of Medical Education

Mission

Working together, sharing responsibility and experiences with strong commitment towards quality health care through the knowledge of anatomy



a day of action and awareness for

WORLD ANATOMY DAY, 15th October

Discussion on challenges for body donation programmes during the novel Coronavirus pandemic

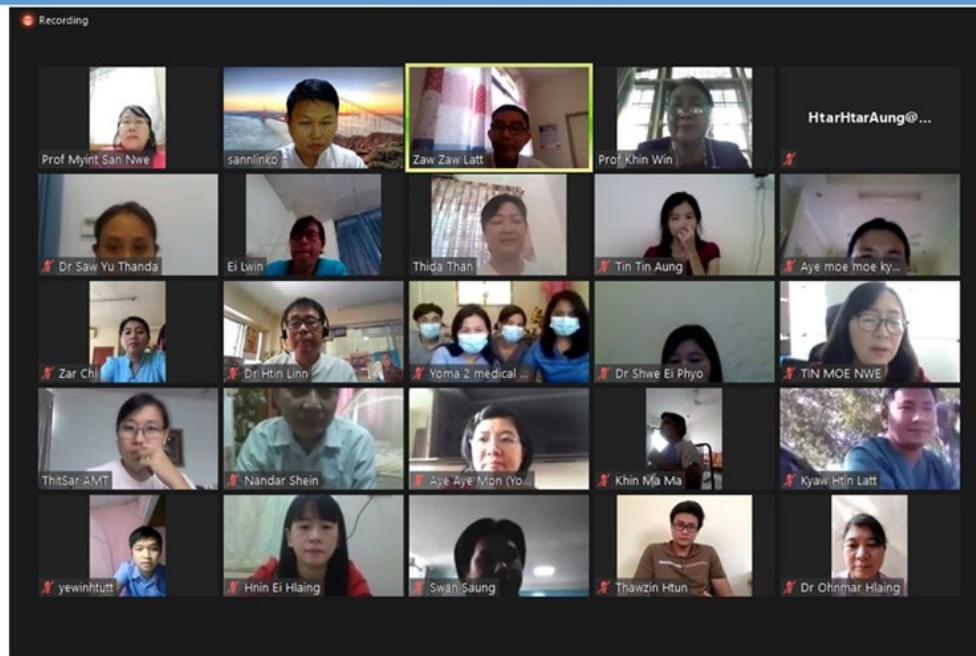
OPENING SPEECH
PROF. KHIN WIN

IFAA BEST PRACTICE
GUIDELINES FOR BODY
DONATION
PROGRAMMES
DR. SANN LIN KO
(DSMA)

BODY DONATION,
EMBALMING &
CADAVERIC DISSECTION
IN COVID ERA
AP. DR. MOH MOH
LWIN (UMMG)

OPEN DISCUSSIONS
MODERATOR-
PROF. ZAW ZAW LATT
(UMTG)

Discussion



Presentation by AP Dr. Moh Moh Lwin

Zoom Meeting

Zoom Group Chat

thank you to allow me

From HtarHtarAung@mu.edu.my to Everyone: yes, we can hear you

From si lay khing to Everyone: Heartiest Congratulations to Myanmar Anatomy Society for organizing this World Anatomy Day Webinar Celebration. Thank you so much for inviting me to join as one of your Anatomy family.

From Zaw Zaw Lett to Everyone: Thanks for your joining mama Silay khing Thanks Vandana for joining us

From Me to vandana blossom (Privately): Hi good morning

From Me to si lay khing (Privately): Hi Auntie Silay. Thanks to participate

From si lay khing to Me (Privately): because we share same passion.

From ThitSar AMT to Everyone: Today is also Global Hand Washing Day!

From Zaw Zaw Lett to Everyone: Great

To: si lay khing (Privately) File

Type message here...

V. Impact on medical education

Medical schools temporarily closed → Limitations of hands on learning → Future repercussions

C-Change is the Constant → ACCEPT it!

O-Optimize own Health → INVEST in it!

V-Value your Education → RESPECT it!

I-Innovate and Integrate → INCULCATE it!

D-Doctor for Doctor → SUPPORT it!

15-Oct-20 28

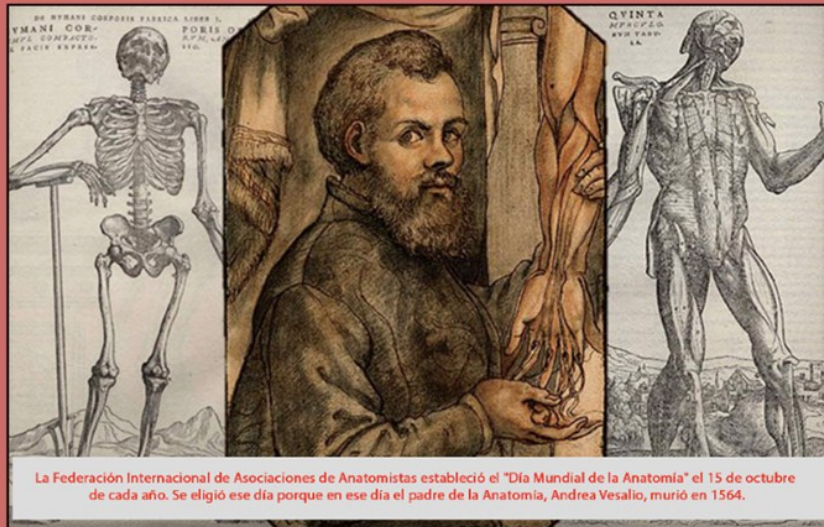
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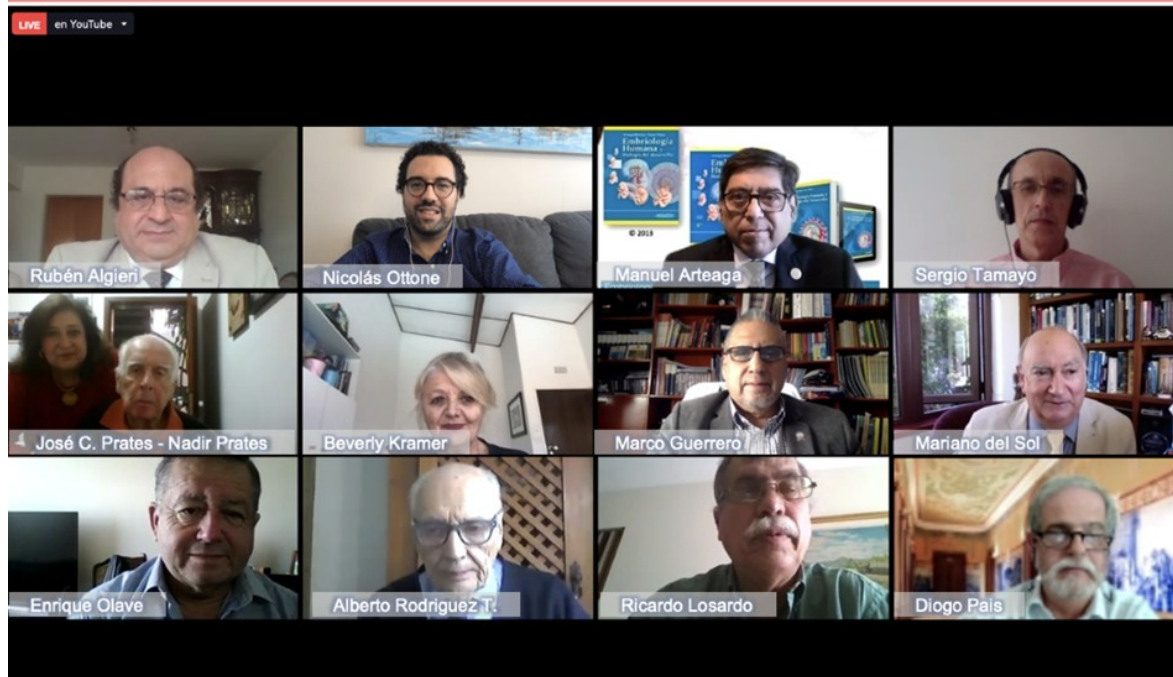


15 de octubre de 2020
"DIA MUNDIAL DE LA ANATOMÍA"
"DIA MUNDIAL DA ANATOMIA"
"WORLD ANATOMY DAY"

Asociación Panamericana de Anatomía
Associação Pan-Americana de Anatomia
Pan American Association of Anatomy



La Federación Internacional de Asociaciones de Anatomistas estableció el "Día Mundial de la Anatomía" el 15 de octubre de cada año. Se eligió ese día porque en ese día el padre de la Anatomía, Andrea Vesalio, murió en 1564.



Alberto RODRIG...

Sergio Tamayo


Marco Guerrero

Martiano del Sol

Diego País

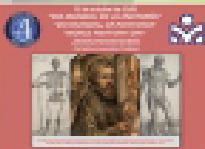
LIVE

en YouTube



X Congreso Panamericano de Anatomía
U.C.R. 2/92

El estudio de la
anatomía es el fundamento
científico de la medicina
y la odontología.
El conocimiento de la
anatomía es esencial para
la práctica médica y dental.





ASSA World Anatomy Day Virtual Symposium

In celebration of World Anatomy Day, marking the death day of Andreas Versalias on the 15th October, the Anatomical Society of Southern Africa held its first ever World Anatomy Day Virtual Symposium. The day long symposium started with a “Women in Anatomy” session organized by Dr Pam Pillay, showcasing the strength and resolve of the ladies of ASSA. Professor Desire Brits, Professor Lelika Lazarus, Dr Tanya Augustine and Dr Nkhensani Mogale all reflected on their journeys within the realm of academia as well as on the opportunities and challenges they have faced in their various roles as “Women in Anatomy”.

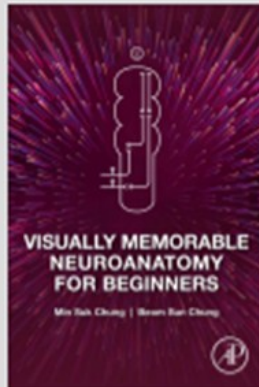
Subsequent to this inspirational session, scientists from the University of Oxford (UK), Khalifa University (UAE) and the various academic institutions associated with ASSA, all presented brief overviews of their current research.

This was followed by a session entitled: “Teaching anatomy using technology: Past experiences and future innovations” facilitated by Dr Carol Hartmann (Chair: ASSA Education Interest Group). The session provided a platform for enriching engagement around various issues faced by Anatomists globally. Educational factors considered included: The way in which technology has been used in the move to Remote Online learning, the management of cognitive overload by both academics and learners as well as possible mechanisms around shrinking the cognitive load while embracing the benefits of the blended learning approach. Further information related to the ASSA Education Interest Group and its discussion forum is available at <https://sites.google.com/view/assaeducationsig/home> or alternatively through the ASSA website (www.anatomysa.co.za) under the resources tab. All inputs are most welcome.



John Q. Young, Jeroen Van Merriënboer, Steve Durning & Olle Ten Cate (2014) Cognitive Load Theory: Implications for medical education: AMEE Guide No. 86, Medical Teacher, 36:5, 371-384, DOI: 10.3109/0142159X.2014.889290 Image: <https://medium.com/feedzaitech/cognitive-load-101-f89468e0a4d8>

Dr Erin Hutchinson
University of the Witwatersrand
ASSA: Newsletter Editor



Visually Memorable Neuroanatomy for Beginners

Min Suk Chung, Ajou University School of Medicine, South Korea
Beom Sun Chung, Tulane School of Medicine, Louisiana

ISBN: 978-0-12-819901-5

VOLUME:

EDITION: 1

PUB DATE: June 2020

LIST PRICE: \$79.95

DISCOUNT: Non-serials

FORMAT: Paperback

TRIM: 6w x 9h

PAGES: c. 170

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AUDIENCE: Undergraduate and graduate students in medicine, health sciences, and biological sciences, neuroscientists, clinicians, post-doctoral fellows, and researchers

SHELVING CLASSIFICATIONS: Neuroanatomy, Neuroscience

BISAC CODES: PSAN

THEMA CLASSIFICATION:

THEMAPSAN; THEMAJMM;

THEMAJMR

A helpful introduction to brain anatomy

KEY FEATURES

- Features simplified illustrations for understanding the complicated neuroanatomy structures
- Introduces memorizing tips (mnemonics) to help students learn
- Includes comic-style figures to make neuroanatomy approachable for newcomers
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DESCRIPTION

"Visually Memorable Neuroanatomy for Beginners" takes a close look at the anatomy of the human brain and teaches readers to identify and examine its structures in a relatable way. Unlike large textbooks, this book explores the different parts of the brain using informative comic figures and mnemonic techniques at an introductory level, allowing readers to easily learn neuroanatomy. This volume is appropriate for undergraduate and graduate students, postdoctoral fellows, and researchers in the medicine, health sciences, and biological sciences.

Beginning with the morphology of the brain and spinal cord, this book then explores the somatic nerve and autonomic nerve, the cranial nerve and spinal nerve, the function of the brain, and concludes with the development of nervous system.



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LIFE SCIENCES Neuroscience

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STUDENT CONTRIBUTIONS

Painting: by Ms Evie Kwan, Cowbridge Comprehensive School, Cardiff



This piece depicts the muscular structure of a human face. The structural, and in some places, harsh parts of the muscle are juxtaposed with the softness of the flowers depicted in the image. I chose to focus on the face in this way as in today's society so obsessed with appearances, I believe it is important to remember that our bodies are more than just the face we show the world.

Painting by Ms Polly Graham, 2nd Year Medical Student, Cardiff University
A fine balance



I am most grateful to my donor for giving me perspective. During dissection, we considered parallel ideas such as life and death; humanity and science; and love and mourning. Doctors deftly handle these dualities daily, so broaching them as students in a safe environment is invaluable.

Colours juxtapose in the iris, expressing the duplexity of the doctor-patient interaction. Cool hues on the left represent science, whereas warm tones on the right suggest empathy. In the iris, these schemes fuse to illustrate the equivalent importance of understanding a patient's pathophysiology and social context. Thank you, donor, for teaching us that every body and everybody is different.

The eyeball is widely exposed, relating sacrifice to learning. Donation is a difficult decision for both donor and family; the eye's openness demonstrates our realization of this sacrifice and the breadth of learning we gained. Thank you, donor, for the knowledge you imparted upon us, no textbook compares.

Rounded peripheral brush strokes create a cyclical effect, representing life and death. In the blink of an eye, life vanishes, but someone lives on forever through their impact on others. Thank you, donor, for looking beyond your life in the hope that we will better the world.

Finally, the novel, 'A Fine Balance' (Rohinton Mistry), inspired this painting's nomenclature because the convergence of narratives in Mistry's work prompts reflection on how people fare differently in the same societal context: an important clinical understanding.

Thank you, donor, for opening our eyes after yours have closed.

Reflections by Ms Lucy Ashby, Final Year Biomedical Student, Cardiff University

In my second year of Biomedical Science at Cardiff University I studied the Practical Anatomy of the trunk and limbs through a combination of lecture-based tutorials aided by full body dissection sessions. The active learning environment provided an insight into the structures of the trunk and limb anatomy in real cadavers. This hands-on experience provided awareness of anatomical variations in different cadavers compared to the textbook anatomy in tutorial sessions. The most compelling part of these sessions was the increased appreciation for the person who chose to donate their body for our education.

This valuable learning experience aided my disease understanding in the clinical setting. The session involving dissection of the lungs of our cadaver revealed severely damaged lung tissue with a black speckled colouration and floppy, fragile elastic lining. We learned that our donor died from complications associated with chronic obstructive pulmonary disease (COPD).

On a work experience placement at The Royal Shrewsbury Hospital I observed spirometry results in a patient with COPD. I now understand how the patient's symptoms are reflected in the reduction in healthy lung tissue seen in our cadaver. The knowledge gained from dissection sessions helped me understand the disease process when I came across a patient living with the disease, indicating how valuable full body dissection is for students.

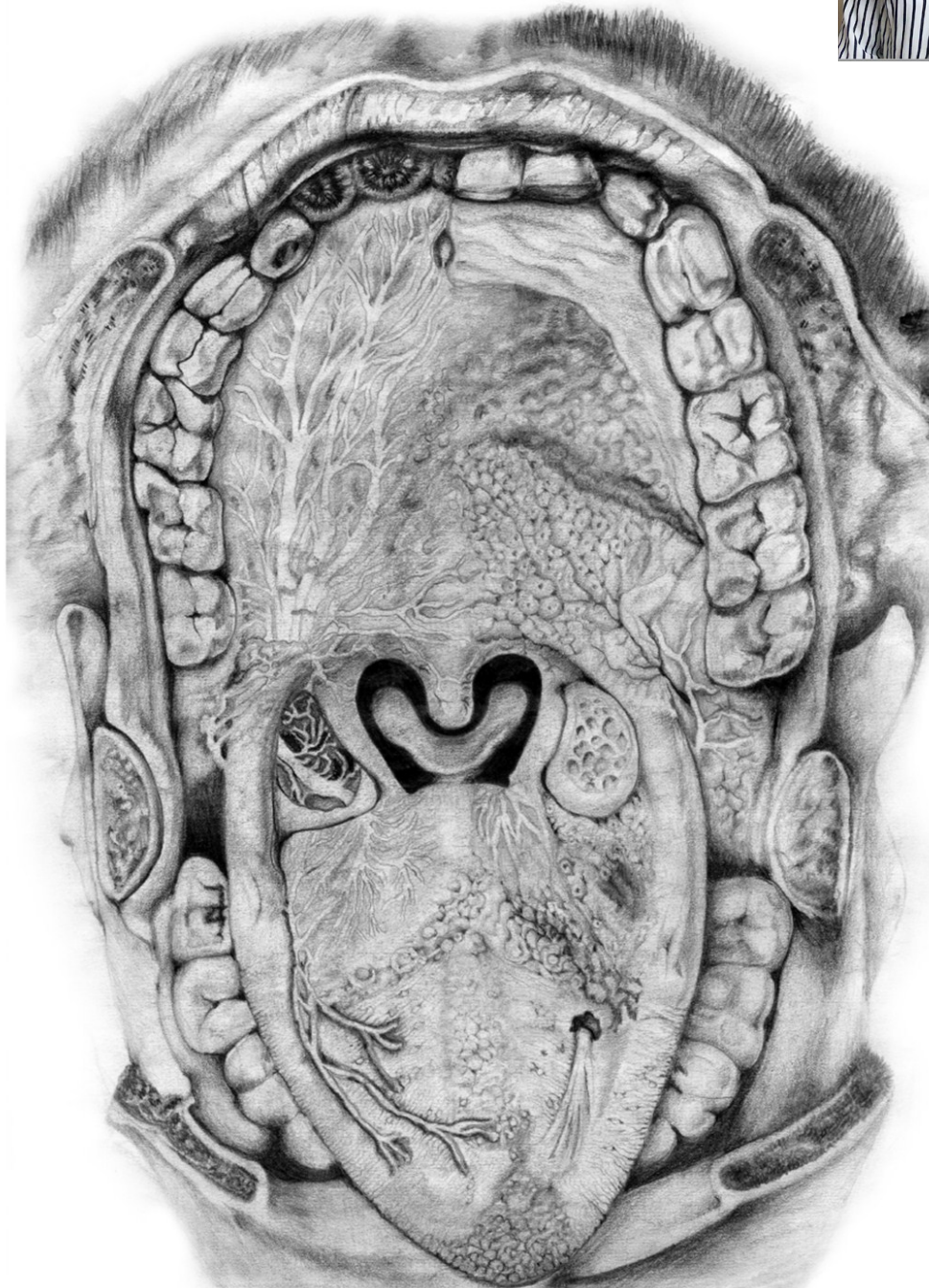
Reflections by Ms Keziah Enoch, Howell's School, Cardiff

I lay motionless, drowning in an ocean of scarlet blood. I am enveloped in the eerie silence; my once lively body has ground to a halt. A dozen pairs of curved ivory pillars stood proud as if they were guards protecting their king. I remembered straining to keep convulsing – don't stop. If you stop, then everything would stop. His life would stop. However, I could not do it. As the last of the crimson liquid was pushed out of my chambers, he took his last breath. I rest in silence as I wonder what is going to happen to me. Am I just going to stay here for the whole of eternity? Surely not. Perhaps there was a way that I could be of use.

I can feel his body being gently lifted up and being loaded onto a table. The quiet, almost undetectable, sound of a zip being pulled can be heard. A loud thud of a door being slammed shut echoes around the room. Suddenly, the temperature in the room feels as though it has dropped a few degrees. No, not feels like it – it has. My thin walls start to shiver in the sub-zero temperatures. Frost seems to slowly be creeping over my muscles as if it is trying to consume me. All of a sudden, I can feel the body being moved yet again. It rattles along on wheels as we are taken out of the frigid room. We grind to a halt.

Quickly, I hear the room being flooded with excited murmurs and whispers. It all goes quiet just as I see a blade cut through the skin ceiling above me. A bright light fills the cavity. I can just about make out the excited gasp of a student who points at me and exclaims: 'Look! The heart!'

Drawings by Ms. Jade Naicker, Masters student in Clinical Anatomy at the University of Pretoria.

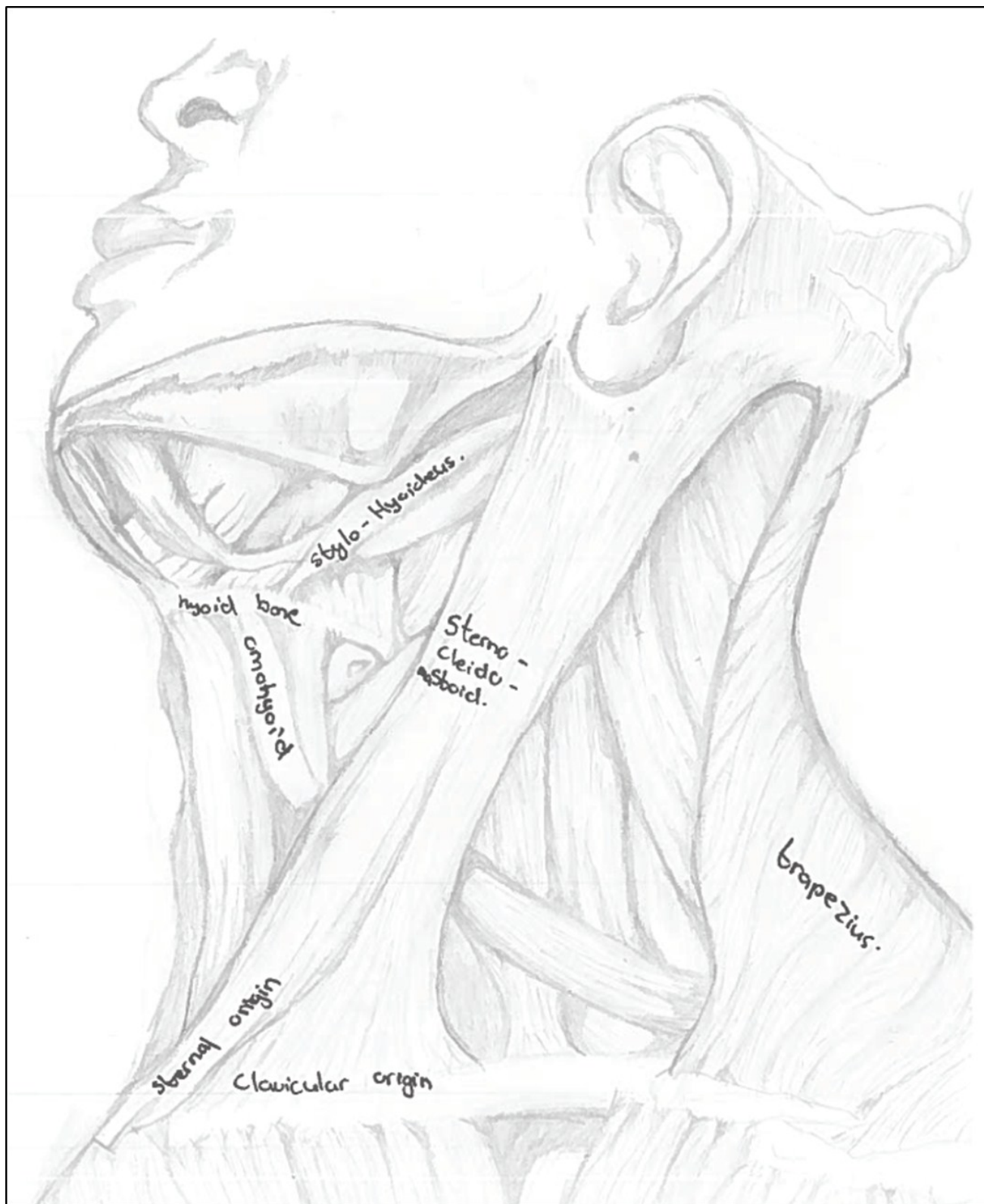






Drawing from Mr. Cameron Narainsamy, B.Sc. Sports and Exercise Science student at University of Western Cape





Forensic case illustration by Luke-John Daniels, Division of Clinical Anatomy, Stellenbosch University



Forensic Case Illustration by Luke-John Daniels
MSc Student: Division of Clinical Anatomy, Stellenbosch University

The remains were not inconsistent with a female and estimated to be between 17 and 23 years old at the time of death. The suspected manner of death was blunt force trauma to the

UPCOMING EVENTS



We warmly welcome you to our very first ANZACA eConference, hosted by The University of Otago, Dunedin, New Zealand.

In lieu of our annual conference, The University of Otago will be hosting a half-day eConference on December 4, 2020 from 12-5pm NZST.

Our invited speakers are Associate Professor Jonathan J. Wisco (Department of Anatomy and Neurobiology, Boston University School of Medicine), Emeritus Professor Gareth Jones (Department of Anatomy, University of Otago) and Associate Professor Alexandra Webb (College of Health and Medicine, Australian National University).

For more information, and free registration for the event, please visit anzaca.org.

TEPARG

THE TRANS-EUROPEAN PEDAGOGIC ANATOMICAL RESEARCH GROUP



TEPARG eMeeting "The future of eAnatomy", March 6, 2021.