# THE PULSE / MAGAZINE

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# All American Institute of Medical Sciences - Jamaica

Medical Education Par Excellence

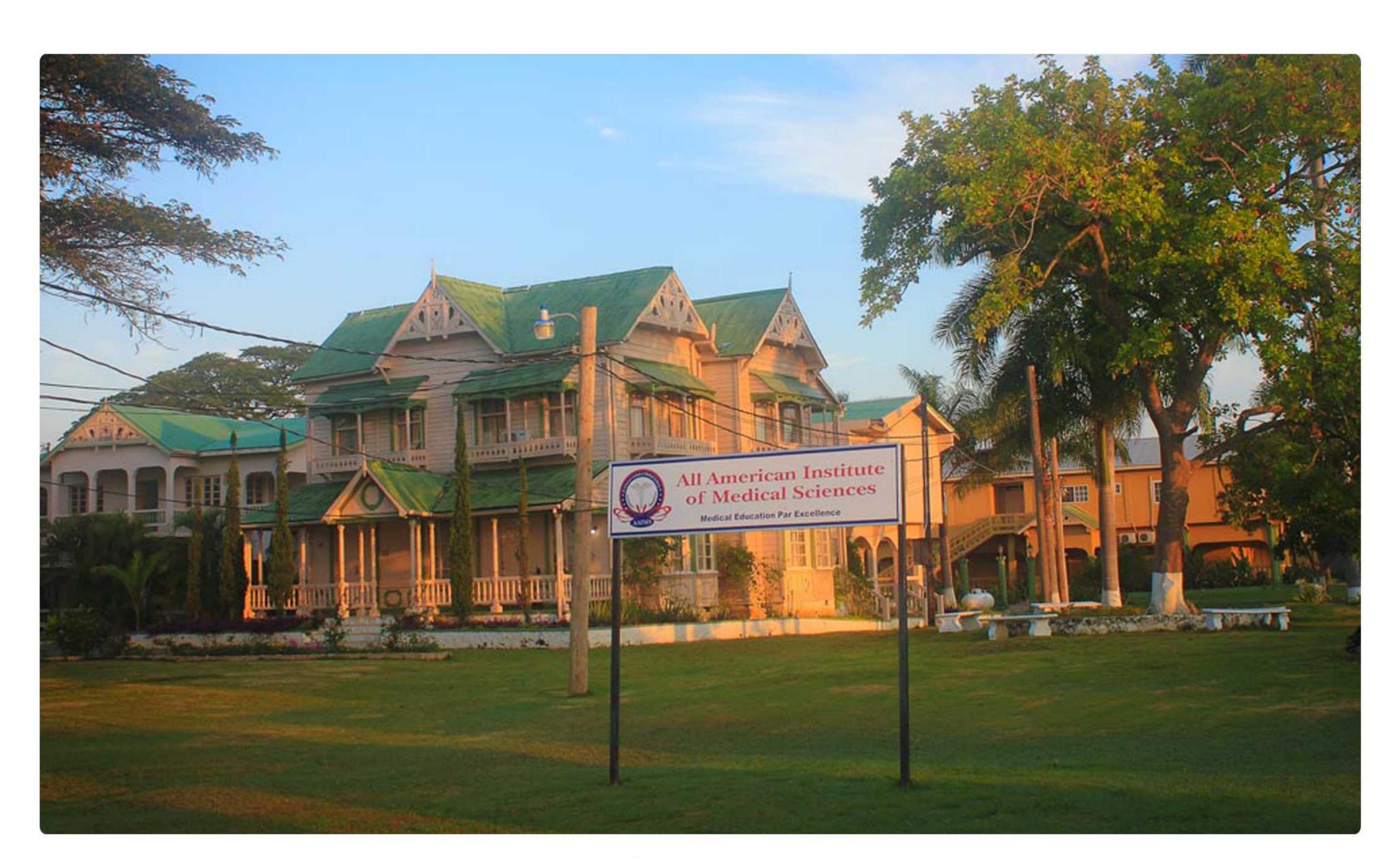


#### **Inside this Edition**

This issue of the Pulse Magazine features updates across the Institute ranging from the Pre-Clinical Sciences to the Clinical Sciences. It also highlights the extracurricular activities hosted by the Student Guild Association and the AAIMS Administration.







#### All American Institute of Medical Sciences, Jamaica

#### **MISSION**

To coordinate resources necessary to deliver excellent medical education leading to generating physicians that will serve the community, and to form lifelong learners committed to excellence, faith, leadership and service.

#### VISION

Attain an international reputation as an outstanding medical institute distinguished by excellence, leadership, research and innovation in the quality of our teaching, in student learning and achievement, and in engagement with our communities.

#### CORE VALUES "LLIIFERS"

- Leadership
- Lifelong Learning
- Innovation
- Integrity
- Faith
- Excellence
- Respect
- Service to Community



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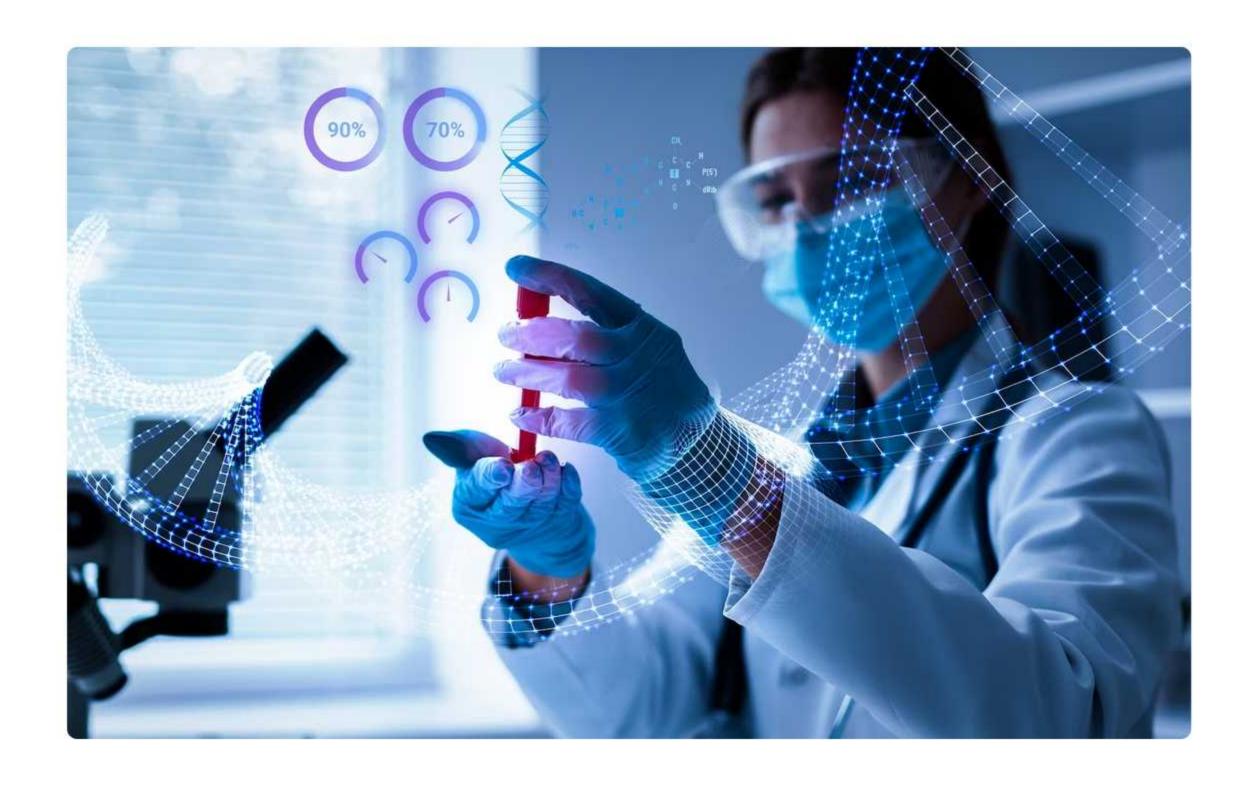
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#### Welcome!

# Clinical Sciences Updates Case Presentations and Discussions Clerkship Photo Gallery Clinicalkey Student as a Learning Resource Clinical Faculty Social & Other Events Coverage Study Corner Preclinical Questions Journal Club Upcoming Events AAIMS Academic Calendar





# Clinical Sciences Updates

#### Case Presentation & Discussion (CP&D #67&68)

Case:

Case:

The following Clerkship Case Presentation & Discussion (67&68) session was held on Wednesday, July 19, 2023. Interesting cases were presented by the AAIMS Clerkship Department students Aafiz Anzar and Abigail James.

# Internal Medicine, May Pen Hospital

Moderator: Dr. Lisa Kervin Dawes,

Moderator: Dr. Callistus Lawal,

The following Clerkship Case Presentation & Discussion (69&70) session was held on Wednesday, August 23, 2023. Interesting cases were presented by the AAIMS Clerkship students Sai Lakshmi Mulagondla and Leela Dara.

Case Presentation &

Discussion (CP&D #71&72)

Case: Pre-eclampsia by Sai

Lakshmi Mulagondla

Moderator: Dr. Wayne Harvey, OBGYN,

Cornwall Regional

Hospital

Case: Nephrotic Syndrome

by Leela Dara

Moderator: Dr. Callistus Lawal,

Internal Medicine, May Pen Hospital Case Presentation & Discussion (CP&D #73&74)

Decompensated Heart

Failure by Aafiz Anzar

DKA by Abigail James

Internal Medicine,

May Pen Hospital

The following Clerkship Case Presentation & Discussion (73&74) session was held on Wednesday, September 13, 2023. Interesting cases were presented by the AAIMS Clerkship students Ruba Balu and Sameer Khan.

Case: Gestational Diabetes

by Ruba Balu

Moderator: Dr. Wayne Harvey, OBGYN,

Cornwall Regional

Hospital

Case: Cervical Lymphadenitis

by Sameer Khan

Moderator: Dr. Ludrick Morris,

Pediatrics,

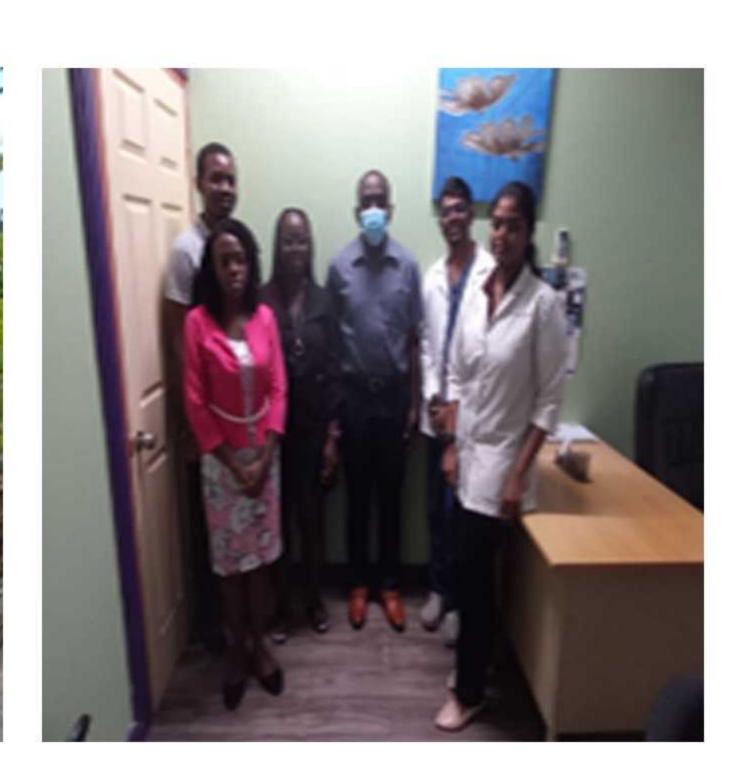
Savanna-la-mar Hospital

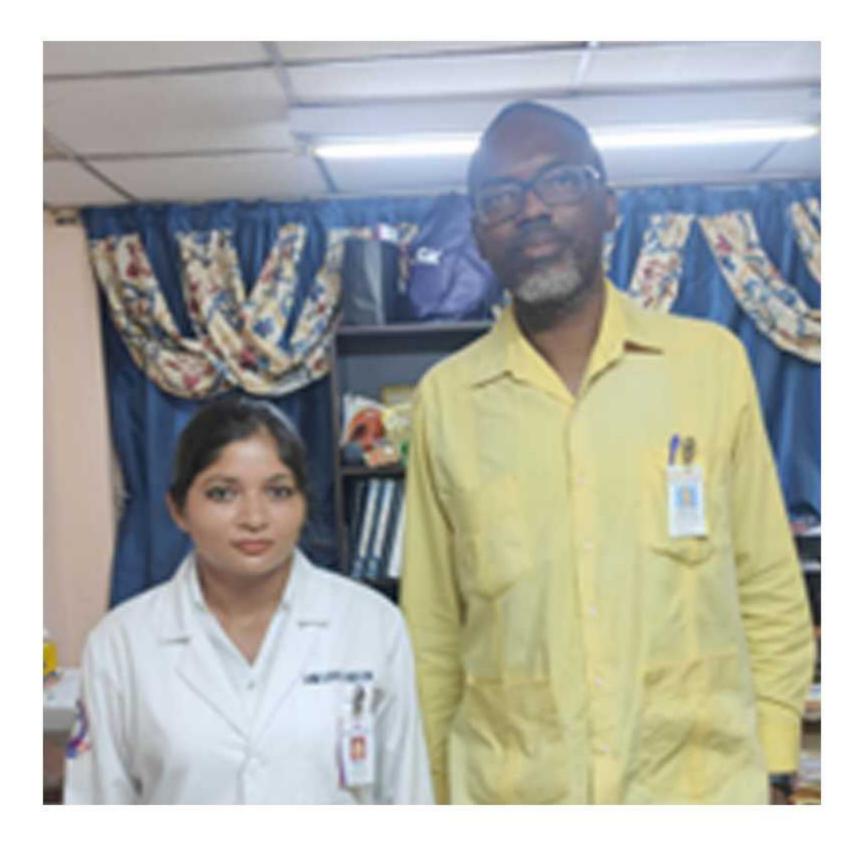


# Clerkship Photo Gallery

















ClinicalKey Student is an interactive education platform with a tremendous assessment capability that supports students and faculty by enhancing the learning experience with tools tailored to develop and assess the medical knowledge of aspiring professionals. The reasons to use ClinicalKey Student as a learning resource are outlined below:

# Reasons to use ClinicalKey Student as a Learning Resource

- 1. It provides access to the most com plete and trusted medical content through:
- 200+ acclaimed textbooks covering 50 medical specialties, including Gray's Anatomy for Students and Medical Physiology
- ⇒ 1,500+ quick access summaries of common diseases and topics.

- ⇒ Access to 850+ videos ranging from practical demonstrations of anatomical dissections to instructional clinical examination examples.
- ⇒ Access to 4200+ questions (1,800 in basic science and 2,400 clinical medicine).
- 2. It turns information into knowledge by:
- ⇒ Providing a personalized bookshelf.
- → Offering flashcard tools.
- → Note-taking (with OneNote integration) and highlighting.
- ⇒ Sharing notes and learning with students around the globe.
- ⇒ Saving Faculty and student time through the use of the presentation maker tool.
- ⇒ Enhancing lectures using copyright cleared images.
- ⇒ Study anywhere, anytime using the App (online & offline)
- ⇒ Text to Speech to learn on the go.

- 3. It improves the learning outcomes of students as:
- ⇒ Students can self-assess at their own pace.
- □ Get personalized feedback and bench mark themselves with their peers.
- ⇒ Students can customize their tests to focus on their weaknesses.
- ⇒ Students can access weak topics matched to additional learning resources (links to Foundation capabilities).
- 4. It gives faculty time back for teaching/research/practice as:
- ⇒ Faculty can identify struggling students earlier by setting assignments.
- ⇒ Every question comes with in-line remediation, written and vetted by an Editorial Board.
- There is instant access to data-driven insights to proactively pinpoint specific areas where students are weak.

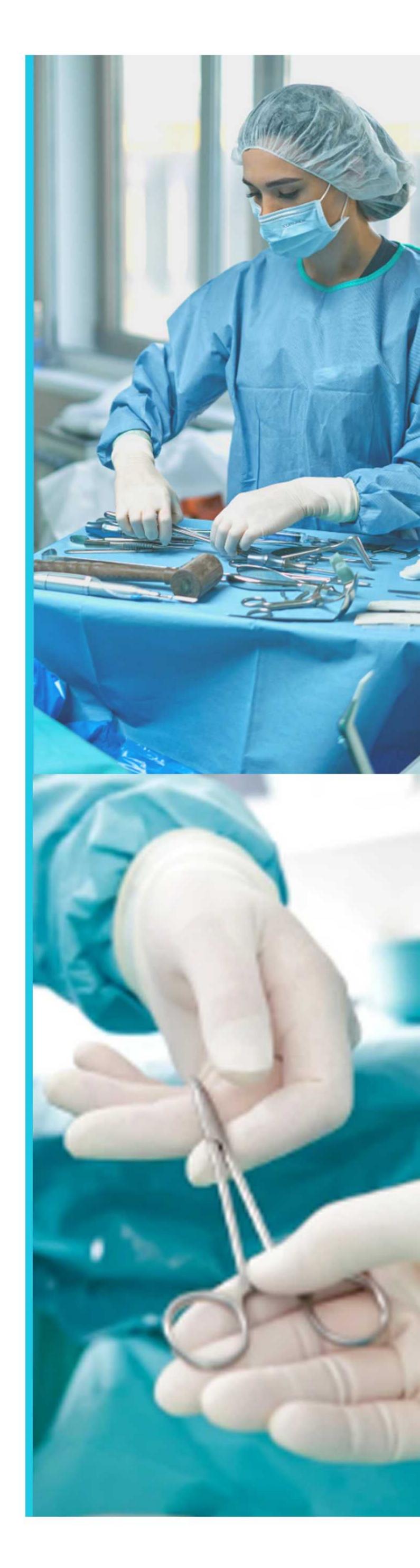


# ClinicalKey®Student



### Clinical Faculty

Designation	Preceptor Name	Hospital Location	Department
Chair, IM	Dr. Keith Campbell	May Pen Hospital	Internal Medicine
	Dr. Callistus Lawal	May Pen Hospital	Internal Medicine
	Dr. Lisa Kervin Dawes	May Pen Hospital	Internal Medicine
	Dr. Curtis B. Yeates	Cornwall Regional Hosptial	Internal Medicine
	Dr. Maria Walwyn	Cornwall Regional Hospital	Internal Medicine
Chair, Surgery	Dr. Xenophon Kirby	May Pen Hospital	Surgery
	Dr. Dwayne Evon Hall	Cornwall Regional Hospital	Surgery
	Dr. Milton Harry	Cornwall Regional Hospital	Surgery
	Dr. Lincoln Cox	Savanna-la-mar Hospital	Surgery
	Dr. Clive Lloyd	Mandeville Hospital	Surgery
Chair, OBGYN	Dr. Vincent Williamson	May Pen Hospital	OBGYN
	Dr. Aleith Hermans-Keen	May Pen Hospital	OBGYN
	Dr. Wayne Anthony Harvey	Cornwall Regional Hospital	OBGYN
	Dr. Judith Neathly-Roberts	Cornwall Regional Hospital	OBGYN
	Dr. Jefferey Gordon	Cornwall Regional Hospital	OBGYN
	Dr. Dennisford Scarlett	Cornwall Regional Hospital	OBGYN
	Dr. Orlando Russell	Savanna-la-mar Hospital	OBGYN
	Dr. Dwayne Wright	Savanna-la-mar Hospital	OBGYN
	Dr. Orlando Cunningham	Savanna-la-mar Hospital	OBGYN
Chair, Peds	Dr. Curtis Pryce	May Pen Hospital	Pediatrics
	Dr. Reem Al-Johar	May Pen Hospital	Pediatrics
	Dr. Anona Griffith	May Pen Hospital	Pediatrics
	Dr. Carleene Grant-Davis	Cornwall Regional Hospital	Pediatrics
	Dr. Kwayne Errol Whyte	Cornwall Regional Hospital	Pediatrics
	Dr. Trudy-Ann Thomas	Savanna-la-mar Hospital	Pediatrics
	Dr. Ludrick Morris	Savanna-la-mar Hospital	Pediatrics





## Clinical Faculty

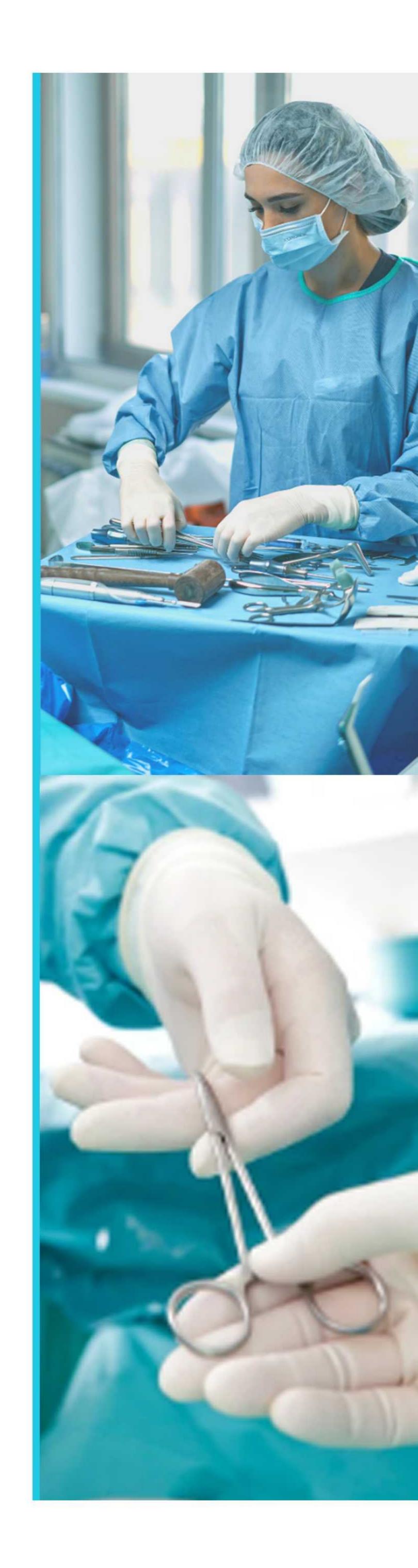
Designation	Preceptor Name	Hospital Location	Department
	Dr. Kerry-Ann Barrett	Savanna-la-mar Hospital	Pediatrics
Chair, FM	Dr. Ameya Okori	LightHouse Health Center, May Pen	Family Medicine
	Dr. Soe Nuang	SOE HTWE Medicare, Montego Bay	Family Medicine
	Dr. Tanique Bailey-Small	Cornwall Regional Hospital	Family Medicine
Chair, Psych	Dr. Roger Roberts	May Pen Hospital	Psychiatry
	Dr. Hope Iballaboh	May Pen Hospital	Psychiatry
	Dr. Lisabeth Crossman	Cornwall Regional Hospital	Psychiatry
Electives	Dr. Racquel Gordon	May Pen Hospital	Cardiology
	Dr. Clare Pascoe	May Pen Hospital	Cardiology
	Dr. Andrea Johnson	May Pen Hospital	A&E
	Dr. Gillian Bent-Grandison	May Pen Hospital	A&E
	Dr. Natoya Hall	May Pen Hospital	A&E
	Dr. Brian Masters	Mandeville	Radiology
	Dr. Gavin Harvey	Mandeville	Opthalmology
	Dr. Selbourne Hemmings	Cornwall Regional Hospital	ENT
	Dr. Clive Mannings	Mandeville Hospital	ENT
	Dr. Roy McGregor	Cornwall Regional Hospital	Urology
	Dr. Mark Sanderson	May Pen Hospital	Anesthesiology
	Dr. Delroy Fray	Cornwall Regional Hospital	Site Coordinator
	Dr. Bradley Edwards	SMO, May Pen Hospital	Site Coordinator
	Dr. Alicia Armstrong	May Pen Hospital	Psychiatry
	Dr. Deron Reid	Cornwall Regional Hospital	Cardiology
	Dr. Rafael Fonte Villalon	Cornwall Regional Hospital	Cardiology
	Dr. Brenda Barnes	Cornwall Regional Hospital	Radiology
	Dr. Adriana Hamilton	Cornwall Regional Hospital	Anesthesiology
	Dr. Geoffrey Williams	Cornwall Regional Hospital	Plastic Surgery
	Dr. Harvey Crawford	Cornwall Regional Hospital	Haematology/Oncol ogy
	Dr. Omar Munroe	Cornwall Regional Hospital	Anesthesiology





### Clinical Faculty

Designation	Preceptor Name	Hospital Location	Department
	Dr. Debbie Tyghter	Cornwall Regional Hospital	Anesthesiology
	Dr. Leighton Perrins	Cornwall Regional Hospital	Anesthesiology
	Dr. Garfield Badal	Cornwall Regional Hospital	Paediatric Surgery
	Dr. C Henny Harry	Cornwall Regional Hospital	Paediatric Medicine
	Dr. Kay Rodgers	Cornwall Regional Hospital	Radiology
	Dr. Bert Rodney	Cornwall Regional Hospital	Orthopaedics
	Dr. Llorenia Muir Green	Cornwall Regional Hospital	Dermatology
	Dr. Preci Hamilton	Cornwall Regional Hospital	Neurosurgery
	Dr. Suman Vemu	SMO, Savanna-la- mar Hospital	Site Coordinator
	Dr. Charmaine Scarlett	Cornwall Regional Hospital	Ophthalmology





# erage

### Triathlon Held on April 27, 2023 Where Our Students Provided Healthcare Services to Participants.















Maggotty
High School
Careers' Day
on April 19,
2023

















Calabash Event head on May 26-28th in Treasure Bach, St. Elizabeth.

# EVents Other Socia



Careers' Day at Bigswood Primary School on June 15, 2023.
School is Located in Mountainside, St. Elizabeth.
MD Students Vinton and Victor Spoke with the Students about a Career in Medicine.















Medical Camp (BMC College-Santa Cruz)

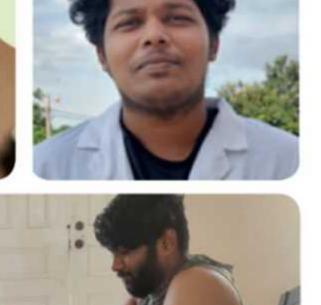
**Welcoming Freshers** 





















Labor Day Project on Campus

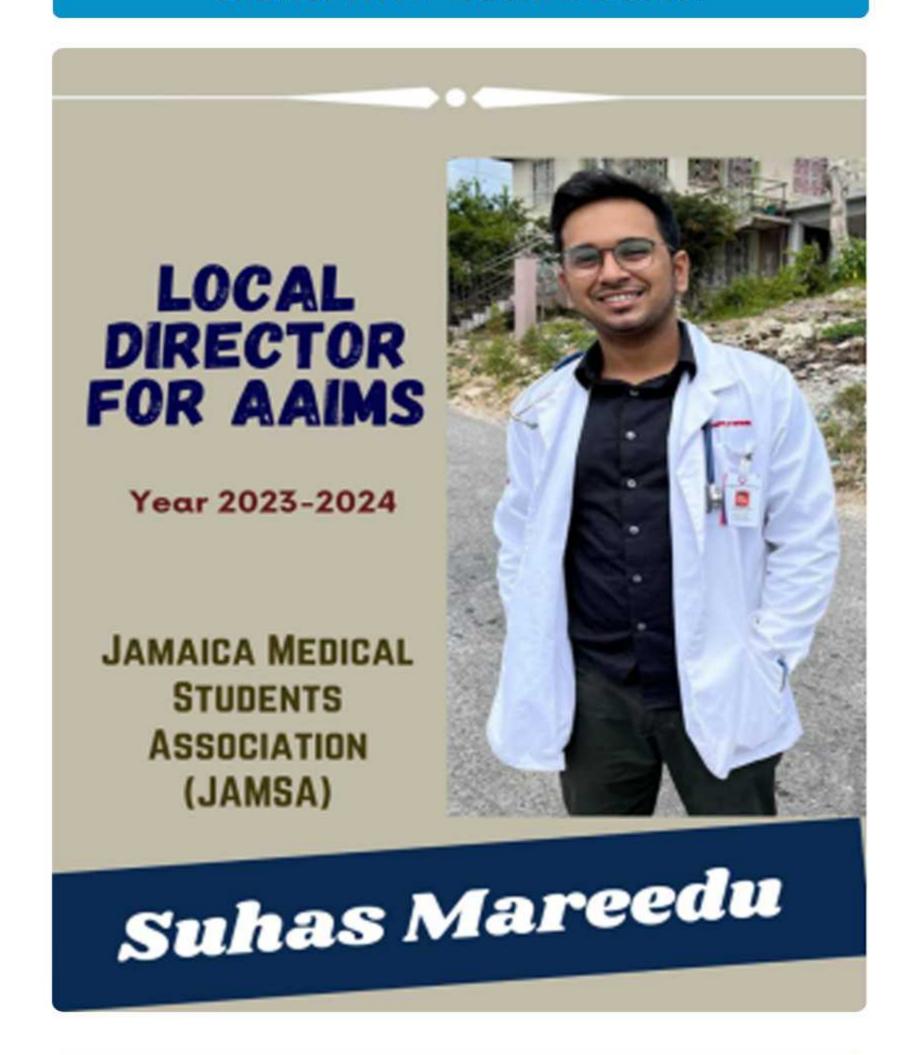


3-day Camp at Calabash Festival



# Verage EVents Other Socia

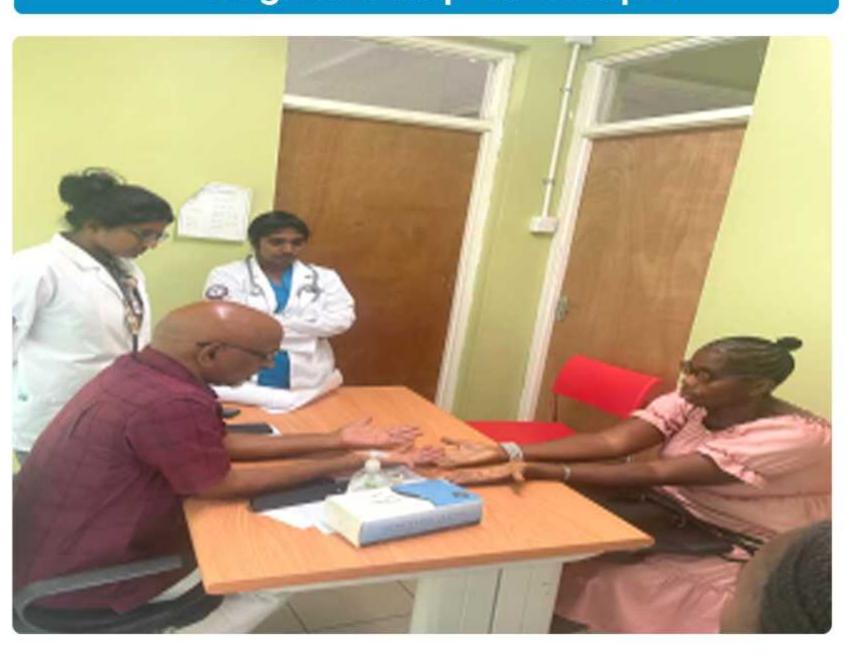
#### **JAMSA new Local Director**



Moment of Silence for 8-Year-Old Killed



**Surgical Camp on Campus** 



Medical Camp at St Theresa Catholic Church





AAIMS Jamaica exploring academic programs in collaboration with the University of Hyderabad, India.

Dr.Ram's meeting with Prof.Jilani, Director for CDVL was facilitated by Mr Kamal Kannan, AAIMS India Team.











#### STUDY HABITS AND TIPS!

#### Prepare a Proper Study Place!

The place might be anywhere which is rid of unnecessary items around you. Make sure you are having a natural light.

#### Shorter Study Sessions!

Instead of sitting for longer hours, short study sessions help in a way to learn better. It helps to relax your brain and helps to retain more information.

#### Make a Routine!

Whether you are studying for 30 minutes or 40 minutes or 1 hour, make sure that you are doing it daily. The routine will become your habit and your brain responds to routine works well.

#### ❖ Set a Goal!

Write on a piece of paper what exactly what you are going to study today and focus on that specific area or subject. This way of doing will gives you more energy to complete it.

#### Use Flashcards!

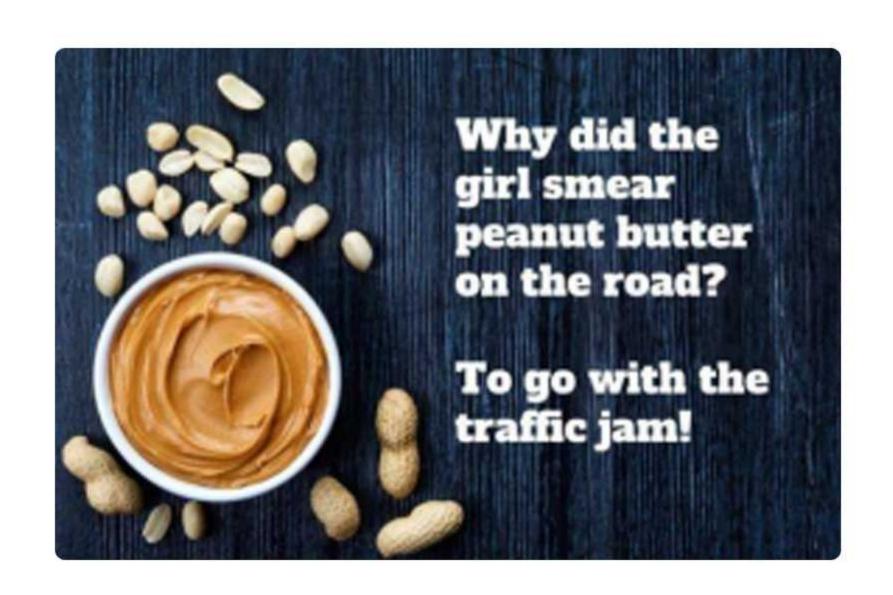
Make flash cards while studying. This will take less time when you want to revise a topic with in short study sessions with greater results.

#### \* Teach Others or Yourself!

After learning each topic, try to teach yourself by looking at the mirror or teach a friend. Talking out loudly about the topic makes our brain to retain information better.

#### **JOKES AND FUN CORNER!**



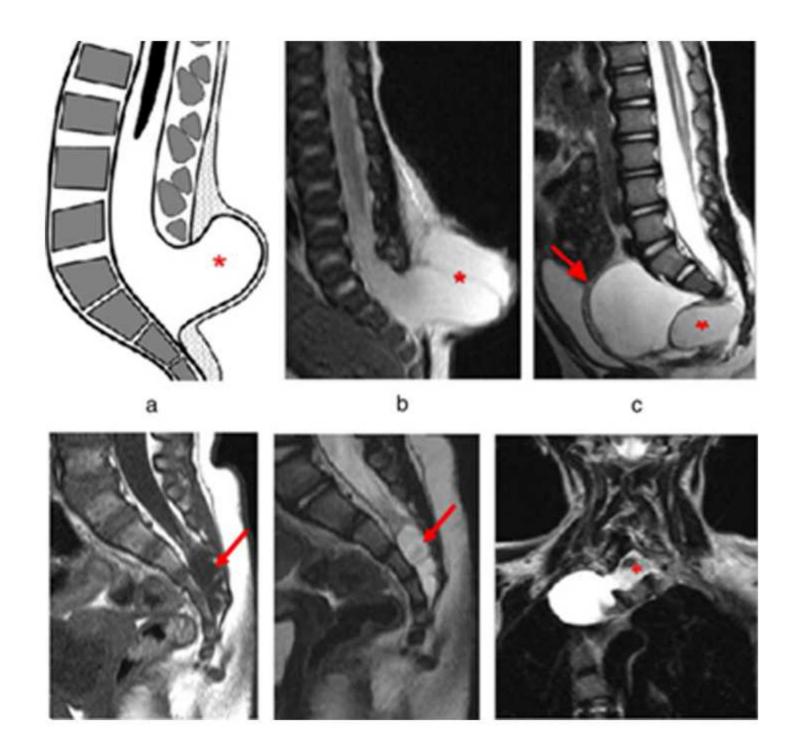






#### **Preclinical Questions**

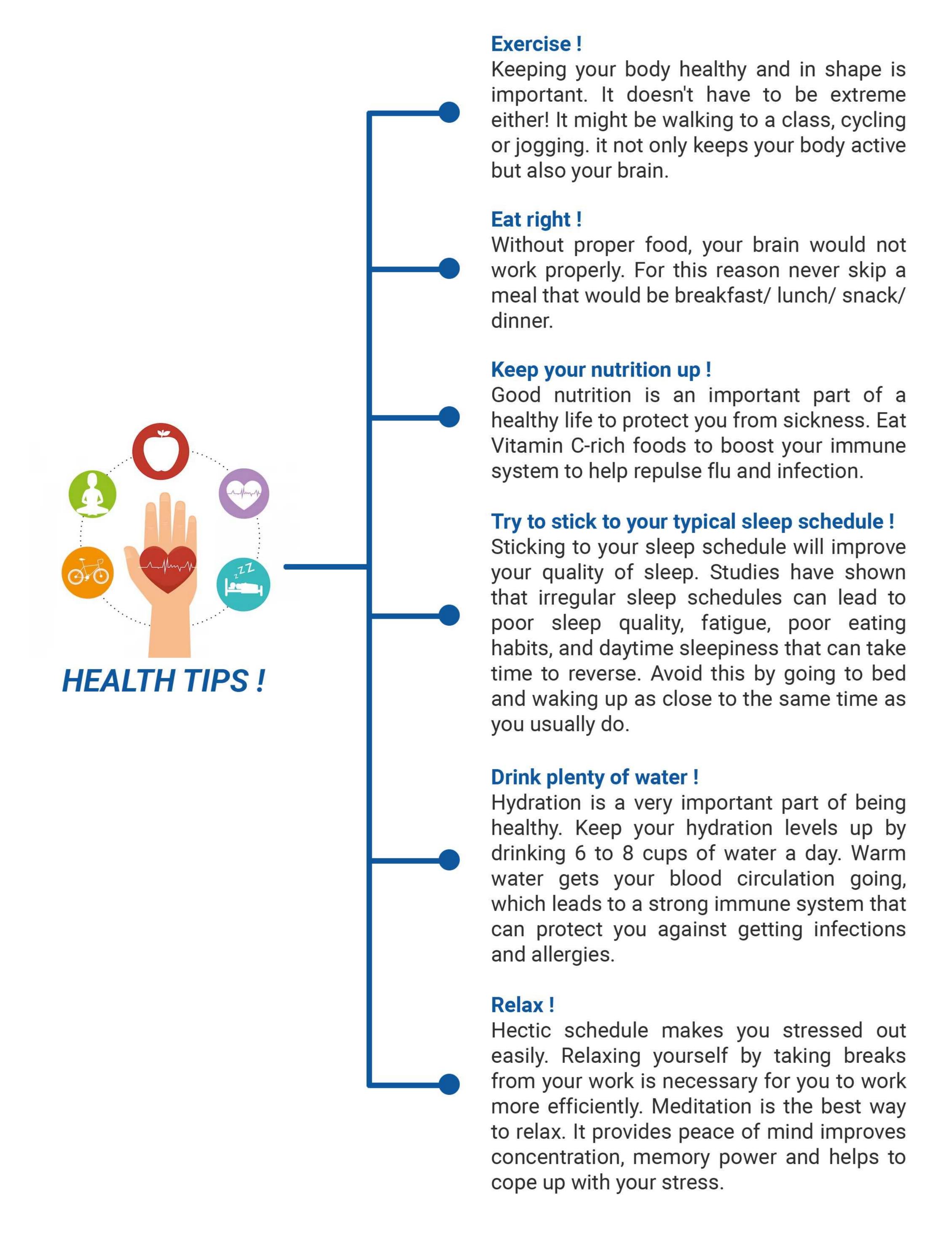
A newborn baby has a large cystic mass of the lumbar region. The mass is shown to consist of CSF-filled meningeal tissue that has herniated through a vertebral defect. The child moves all her extremities and responds to external stimulation in a normal fashion. The term best used to describe this child's lesion is \_\_\_\_\_ (not the disease name)?



On the death of her husband, a 50-year-old woman decided to earn her living by becoming an office cleaner. Part of her work involved scrubbing a flight of stone steps. After 3 weeks she noticed a painful swelling anterior to the knee. This patient most likely has an inflammation of \_\_\_\_\_ (be specific)?











	July
Rechie Dewy	21st
Andrew Lewis	26th
	August
Andrea Reid	22nd
Delbert Swaby	12th
	September
Dawn Spence	9th
Joyeth Brown	10th
Danielle Johnson	16th
Sherick Williams	24th



The Journal Club meets once every three (3) weeks to critically evaluate articles in the academic literature, such as the scientific literature and medical literature. The main objective of the Journal club is to educate the students to make them become more familiar with the advanced literature in the medical field. The journal topics of the club sessions and presenters for the months of July to September 2023 are outlined below:

#### **July 2023**

Healthy lifestyle behaviors, mediating biomarkers, and risk of microvascular complications among individuals with type2 diabetes:

A cohort study by Bunantie Cain.

#### August 2023

Trajectories of renal biomarkers and new-onset heart failure in the general population: Findings from the PREVEND study by Pankaj Sanwal.

#### September 2023

Serum TGF-B as a predictive biomarker for severe disease and fatality of COVID-19 by Suhas Mareedu.





Lecturio is a leading international e-learning platform for medical video education, serving students as well as universities and medical institutions.

Dr. Peter Horneffer, of the Executive Dean of the All American Institute of Black River, St.Elizabeth, has been instrumental in introducing this

#### flipped-classroom approach to the curriculum.

It provides an advantage for medical students preparing for the USMLE and includes features such as:

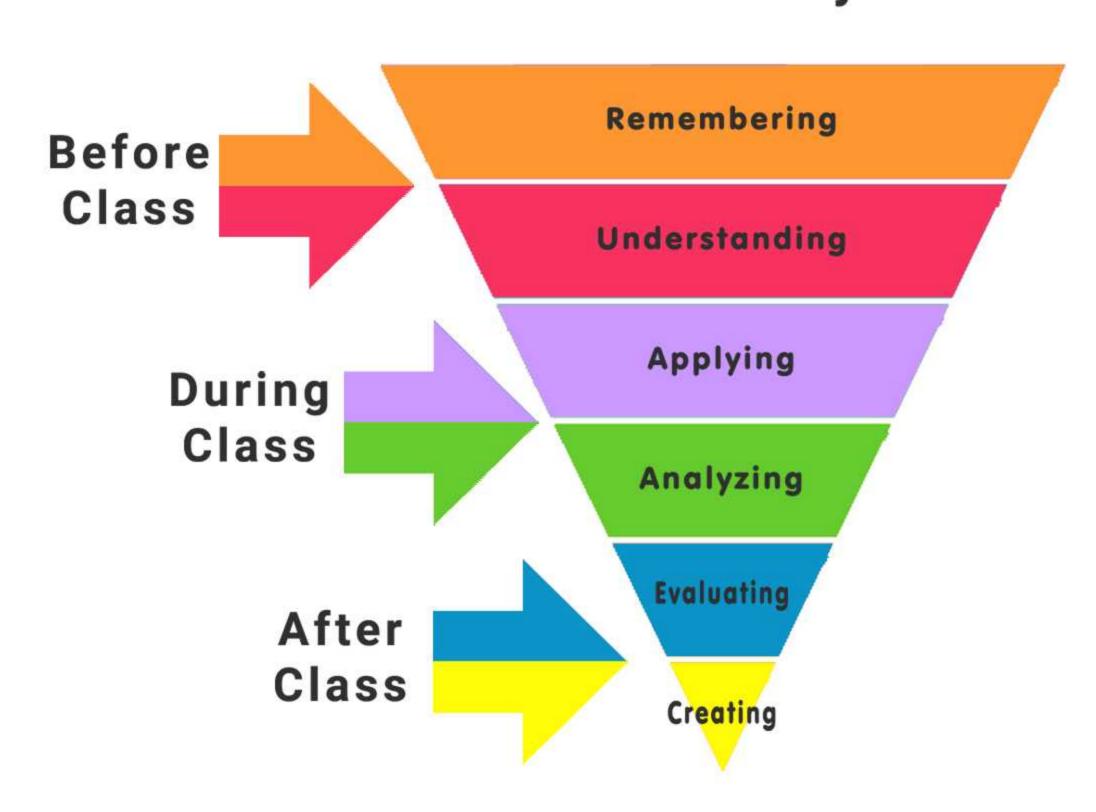
Video lectures, extra reading material, and question banks with a wide range of MCQs. Video lectures are conducted by the professors in a simple and understandable format. The extra reading material provided by Lecturio can be used for revision, as well as the questions, which are given after each video lecture. The question bank also provides video links for each question, so that students can learn from previous mistakes. This platform is a valuable asset for any aspiring medical student.

#### What is Flipped learning?

The Four Pillars of F-L-I-PTM
F-Flexible Environment
L-Learning Culture
I-Intentional Content
P-Professional Educator
Fitting with the revised Bloom's Taxonomy

In traditional learning, a lower level of learning such as remembering andunderstanding happens in the classroom, while students are usually left to work on activities that involve a higher level of learning outside of the classroom. However, in the flipped classroom model, learning is flipped. As you can see from the pyramid, students can finish the lower level of cognitive work before class. Then, when they come to class, they can engage in higher cognitive levels of learning with their peers and teacher present.

#### **Bloom's Taxonomy**



#### Sources:

<sup>1.</sup>https://omerad.msu.edu/teaching/teaching-strategies/27-teaching/162-what-why-and-how-to-implement-a-flipped-classroom-model

<sup>2.</sup>https://cdn.vanderbilt.edu/vu-wp0/wp-content/uploads/sites/

<sup>59/2010/06/12092513/</sup>BloomsTaxonomy-mary-forehand.pdf





#### **Elaborate by:**

Synthesizing ideas in your own words.

Teaching them to someone else.

#### **Generate by:**

Attempting to solve a problem before being shown the solution.

Giving your best guess – then correct.

## Reflect on your learning experiences, by determining:

What went well

What could have gone better

#### Calibrate by:

Using tests to objectively and periodically gauge your level and progress.

Treating calibrations like actual tests, do them – don't skate over them.

#### Author: Peter Brown

#### **Use Mnemonics:**

Find or create mnemonic devices to learn information.

Learn mnemonic systems to greatly increase your ability to memorize new things.

#### Be optimistic, as:

Learning needs striving, striving leads to setbacks and set-backs lead to learning.

#### **Spaced Repetition by:**

Establishing a regular, lowstakes, self-quizzing schedule, by adjusting gaps from a few minutes, to a few days, to once a month.

#### Interleaving by:

Studying more than one type of problem within a topic at a time and scattering new problem types throughout your practice schedule.



#### **AAIMS Academic Calendar** 2023 Quarter 3: July 3, 2022 - September 15, 2023 Date(s) Activity Monday - Thursday, June 26-29, 2023 Final Registration & New Student Orientation Firse Day of Classes Monday, July 3, 2023 Public Holiday: Emancipation Day Tuesday, August 1, 2023 **First Cumulative Exam** Monday, July 31, 2023 Public Holiday: Independence Day Celebrated Monday, August 7, 2023 **Second Cumulative Exam** Monday, August 28, 2023 **Registration Opens for the Next Term** Tuesday, August 29 - Monday, September, 2023 Last day of Classes Friday, September 8, 2023 Coursework Grades Finalization Monday, September 11, 2023 Deadline **End Term Exams** Tuesday - Friday September 12-15, 2023 End Term Break (1 week) September 16-24, 2023 Final Registration for the Next Term Monday - Thursday, September 18-21, 2023 Monday, September 25, 2023 **Next Term Begins**

Shedule of Major Exams & Progressions 2023 Quarter 3		
EBSCE (BS + CS Students)	Monday, July 3, 2023	
Transitions to Clerkships Starts	Monday, July 17, 2023	
Transitions to Clerkships Ends	Friday, July 28, 2023	
Hospital Rotations Start for New Clerkship Students	Tuesday, August 8, 2023	
ECSCE Exam	Friday June 30? or Monday July 10 or 17th	
EBSCE - BS Students (+ any CS Students)	Tuesday August 29, 2023	
Transitions to Clerkships Starts	Monday, September 18, 2023	
Transitions to Clerkships Ends	Friday, September 29, 2023	
Hospital Rotations Start for New Clerkship Students	Tuesday, October 17, 2023	

AAIMS		
AAIMS Academic Calendar		
2023 Quarter 4: September 25, 2023 - December 8, 20		
Activity	Date(s)	
Final Registration & New Student Orientation	Monday - Thursday, September 18-21, 2023	
Firse Day of Classes	Monday, September 25, 2023	
Public Holiday : National Heroes Day	Monday, October 16, 2023	
First Cumulative Exam	Monday, October 23, 2023	
Second Cumulative Exam	Monday, November 20, 2023	
Registration Opens for the Next Term	Tuesday, November 21 - Monday, Dec, 2023	
Last day of Classes	Friday, December 4, 2023	
Coursework Grades Finalization Deadline	Monday, December 4, 2023	
End Term Exams	Tuesday - Friday December 5-8, 2023	
Graduation Day (Diploma Date)	Sunday, December 10, 2023	
End Term Vacation Break (5 weeks)	December 11, 2023 - January 14, 2024	
Final Registration for the Next Term	Monday - Thursday, January 8-11, 2024	
Next Term Begins Monday, January 15, 2024		

Shedule of Major Exams & Progressions 2023 Quarter 2		
Internship Application Window	October 1-15, 2023	
ECSCE	Monday, October 2, 2023	
OSCE Exam	mid - November 2023 - TBD**	
Hospital Rotations Start for New Clerkship Students	Tuesday, October 17, 2023	
EBSCE (Newly Completed BS Students)	Tuesday, November 21, 2023	
Transitions to Clerkships Starts	Monday, December 4, 2023	
Transitions to Clerkships Ends	Friday, December 15, 2023	
EBSCE 6-Month Ending Exam	Monday, December 18, 2023?, or Allow them to do it in Late Jan/Early Feb Along with those for the Regularly Scheduled EBSCE	
Hospital Rotations Start for New Clerkship Students	Monday Monday, January 8, 2024	



School of Allied Healthcare School of Natural and Applied Sciences School of Medicine





Black River Campus 66 High Street, Black River, Jamaica, West Indies. Tel: 1 876-634-4068

Kingston Campus
30 Shortwood Rd,
Kingston 8,
Jamaica, West Indies.
Tel: 1 876-924-0952

Mandeville Campus
Horizon Bldg, 3 1/2 Caledonia Rd,
Mandeville,
Jamaica, West Indies.
Tel: 1 876-616-7799

