

Curriculum Renewal CLOSE-UP

April/May 2023

Curriculum Renewal: CQ Team Updates

CQ Team Report Out

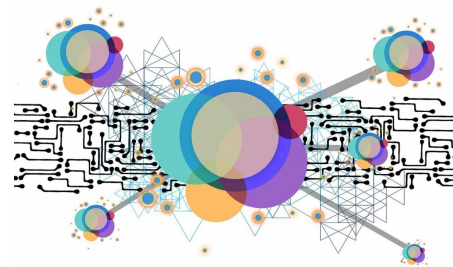
Last month, the three Curious Questioning Team chairs presented a three-month report out on their findings to the Zucker School of Medicine Deans Advisory Group. Each team provided a robust overview of their research since the monthly team meetings commenced in January. The teams will provide a full summary of their findings at the Curriculum Renewal Town Hall on June 12.

Read below to find out what the teams explored during their April and May meetings.

Technology Team

Update by co-chairs; Drs. Marie Petrizzo, Robert Hill, and Eric Gantwerker.

Over the past few months, the Technology Curious Questioning Team has researched a variety of technologies as they pertain to education. The team found that opportunities abound to integrate technology into the delivery and assessment of the school's curriculum. However, due to our unique curriculum, the team feels that mainstream "off-the-shelf" solutions will probably not be optimal. Recently, they explored how we can interact with the virtual environment, inclusive of technologies such as virtual and augmented reality, wearables, simulation training, and dynamic radiology images. While it's difficult to predict which technologies will endure, extended



reality, generative AI and wearable technology will be transformative.

At their April 20 meeting, the team affirmed that Artificial Intelligence (AI) in healthcare is here! The team explored the utility of artificial intelligence tools/chatbots such as ChatGPT, recognizing that they can tremendously enhance medical education and transform healthcare, with cautions in place. The impetus for schools will be to teach students how to critically appraise AI outputs and partner with this technology to enhance patient care. The team also believes a robust, modern and intuitive digital infrastructure is needed to support change.

The team's final meeting was held on May 18, where they explored the question, *What technology is/can be used to engage individuals and/or groups of people in learning and/or in assessing the skills learned in the curriculum (within and beyond medical education)?* The group researched technology such as digital human anatomy platforms, which can provide 2-D and 3-D applications for highlighting critical structures and improving procedure skills training. The team also discussed the use of Artificial Intelligence (AI) driven virtual reality standardized patients for students to practice their clinical skills. Additionally, they discovered the utility of software which can be used in conjunction with communications curricula to assess students' communication skills and empathy.



Constructs Team

Update by team co-chairs; Drs. Gino Farina, Julia Caton and Annette Lee.

During the April meeting, team members researched and discussed the following question: *What can we learn from experiences at other schools that have relocated the timing of USMLE Step 1?*

Many schools have moved Step 1 from the traditional pre-clerkship timeframe to after clerkships. Taking Step 1 after clerkships allows for better consolidation of basic science and clinical medicine, something that schools have been struggling to do for some time. Some schools have their students take Step 1 and 2 back-to-back after their clerkships and students feel that studying for Step 1 is beneficial for preparing for Step 2. In phase 2 of the Curriculum Renewal, the team will look further into schools that give the students the flexibility to take Steps 1 and 2 any time during their clerkship year and those that do it back-to-back after the clerkships.

On May 9, the Constructs Team met for the last time in phase 1 of Curriculum Renewal. The team was tasked with coming up with Curriculum Superstructures that will prepare for the physician of 2035+. The team had a great discussion led by current medical students and alumni.

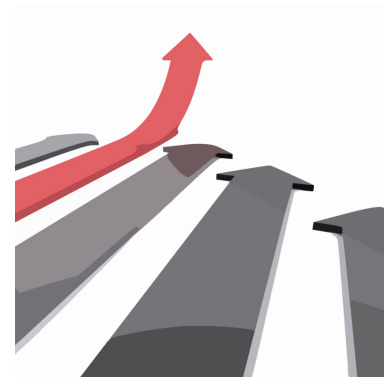


Click on the video play button to the left to learn more about the Constructs Team's experience.

Outputs Team

Update by co-chairs; Drs. Melissa Pawelczak, Karen Friedman, and Doreen Olvet.

Over the past few months, the Outputs Team has been diving into several questions to discover the best methods of assessing and presenting our students to residency programs and decide what skills and attributes a student graduating from ZSOM in 2035+ should have. Most recently, the team has been busy exploring other Undergraduate Medical Education (UME) programs that have Pass/Fail (P/F) clerkships and what information they provide to Graduate Medical Education (GME) programs.



The team also researched and discussed methods used/available by industries outside medicine to showcase evidence of skills and innovative methods to demonstrate the character of our future doctors. Team member research discovered that the acting and sports industries frequently use video while the consulting industry enlisted gaming to demonstrate skills. Additionally, the team found that the Hofstra Business School uses Artificial Intelligence (AI) techniques to objectively evaluate compassion and empathy and considered this approach worth looking into.

During the final Outputs Curious Questioning Team meeting held on May 18, the group brainstormed a list of ZSOM competencies that distinguish our students from those at other schools. Among the competencies were included Communication Skills, Ultrasound Skills, Self Directed Learning, Teaching

Click on the video play button to the right to learn more about the Outputs Team's experience.



Please join us at the Curriculum Renewal Town Hall on June 12 for reports on each of the team's findings.



Patient Perspective Focus Groups

Update by Drs. Taranjeet Ahuja, Johanna Martinez, and Elizabeth Urbanski.

In April, members of the Curriculum Renewal team held focus groups to get the patient's perspective on what our future doctors should look like.

The team members included Taranjeet Ahuja, DO, Assistant Professor of Science Education & Pediatrics, Zucker School of Medicine; Johanna Martinez, MD, MS, VP, Health Equity, Center for Equity of Care, Northwell Health and Assistant Dean, Community Engagement, Zucker School of Medicine; Lesidet Salce, MHA, Senior Project Manager, International Services, Northwell Health; Jack Tocco, PhD, MPH, Advisor, Community & Population Health, Northwell Health and Elizabeth Urbanski, MPA, Strategic Initiatives Manage, Zucker School of Medicine.

This effort was made possible with the assistance of numerous community partners and organizations, including the Child Center of NY, the Nassau-Suffolk Hospital Council, the Long Island Hispanic Chamber of Commerce, SEPA Mujer, and the Long Island Coalition for the Homeless.

Stay tuned to learn the findings from these focus group, which will be presented at the Curriculum Renewal Retreats in June.

Curriculum Renewal: Speaker Series

Don't miss our final Curriculum Renewal Speaker Series



"If It Ain't Broke, Make it Better"

Debra L. Klamen, M.D., M.H.P. E, F.A.P.A.,
Professor and Chair of the Department of
Medical Education at SIU School of Medicine.

Monday, June 15, 2023

4:30 - 6 p.m.

<https://hofstra.zoom.us/j/98894871857>

[RSVP](#)

MISSED SOME OF OUR SPEAKERS?

We hope you have enjoyed hearing from the experts and the information they provided contributed to further discussions relevant to our Curriculum Renewal efforts. If you missed any of our speakers, you can listen to the recordings by visiting our [Curriculum Renewal website](#) and clicking on the Speaker Series tab. Please also check the website for other resources, including updates and future events.

Curriculum Renewal: Upcoming Events

CURRICULUM RENEWAL TOWN HALL

Monday, June 12, 2023
3-4:30 pm
Via Zoom

[https://hofstra.zoom.us/j/93310646706?
pwd=TU9FaEZySIVReEVoWnUxMGt0cktCdz09](https://hofstra.zoom.us/j/93310646706?pwd=TU9FaEZySIVReEVoWnUxMGt0cktCdz09)

Webinar ID: 933 1064 6706
Passcode: 031857



- Curious Questioning Team reports
- Patient Focus Group report
- Curriculum Renewal next steps

CURRICULUM RENEWAL SUMMER RETREAT

June 20 OR June 22

Join us on Zoom or in person for fun activities and thought exercises that will help develop the program objectives that will shape our new curriculum. Faculty, staff, students, and alumni are invited to



participate.

Two dates are being offered
(via Zoom or in-person).
The content will be the same on both
days.

Please choose **ONE** date.

Tuesday, June 20, 2023
12:00-3:00 pm
at Zucker School of Medicine

OR
Thursday, June 22, 2023
2:00-5:00 pm
via Zoom

Space is limited. Please click the RSVP button below now to reserve your space!

[Summer Retreat Click Here to RSVP by Thursday, June 8](#)

Curriculum Renewal: More Resources

Be sure to check out our [Curriculum Renewal website](#) for updates and future events.

For questions about Curriculum Renewal: Courage to Change, please contact somstrategy@hofstra.edu.

This email was sent to the Zucker School of Medicine community.

Donald and Barbara Zucker School of Medicine at Hofstra/Northwell | [Website](#)



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