THE GEORGE WASHINGTON UNIVERSITY

School of Medicine & Health Sciences

FACULTY ASSEMBLY

Monday, October 3, 2022 -- 5:00 pm Via Zoom

MINUTES

VOTING FACULTY PRESENT: Bass, Barbara; Ahari, Jalil; Akman, Jeffrey; Artino, Anthony; Beattie, Brandon; Barzani, Yousif; Birkmeier, Marisa; Bocchino, Joseph; Boniface, Keith; Borden, William; Bosque-Pardos, Alberto; Brindley, Paul; Brown, Kirsten; Bukrinsky, Michael; Callier, Shawneequa; Ceryak, Susan; Chiappinelli, Katherine; Chiaramello, Anne; Cole, Keith; Costello, Ellen; Cymrot, Clifford; DeVaul, Nicole; Deyton, Lawrence; Falusi, Olanrewaju; Firmani, Marcia; Frame, Leigh; Ganjoo, Rohini; Haywood, Yolanda; Herrmann, Debra; Hiser, Stefanie; Jonely, Holly; Kind, Terry; Latham, Patricia; LeLacheur, Susan; Li, Rong; Lopez Gamboa, Graciela; Lucas, Raymond; Lynch, Rebecca; Maggirwar, Sanjay; McCaffrey, Timothy; McDonald, Paige; Mendelowitz, David; Miller, Robert; Milojevic, Ivana; Mingey, Caitlin; Moody, Sally; Mortman, Keith; Ojong-Ntui, Martin; Pajoohesh-Ganji, Ahdeah; Peusner, Kenna; Polter, Abigail; Ragle, Lauren; Rentas, Carol; Ritsema, Tamara; Rosner, Michael; Scalzitti, David; Schwartz, Lisa; Shibata, Maho; Shook, Brett; Shworak, Nicholas; Sidawy, Anton; Silver, Silvia; Spencer, Marc; Taylor, Victor; Thoma, Kathleen; Ward, Maranda; Warner, Mary; Wasserman, Alan; Weglicki, William; Wright, Karen; Zeman, Robert.

OTHER FACULTY & GUESTS: Abate, Laura; Boyd, Sharon; Charnovitz, Steve; Corr, Patrick; Cureton, Nadia; Dakak, Nader; Furio, Kristin; Gephart, William; Katz, Nevin; Luo, Jie; Newmark, Jonathan; Olin, Mary; Robinson, Dena; Rousseau, Gail; Turner, Lisa.

I. Call to Order

The meeting was called to order by the Chair of the Faculty Assembly, Dr. Barbara Bass (Vice President for Health Affairs, Dean, School of Medicine and Health Sciences, and Chief Executive Officer, Medical Faculty Associates), at 5:02 pm.

A quorum of 50 faculty members was established. This number met the requirements for conducting Assembly business (25) and for approving changes to the Bylaws (50).

Professor Steve Charnovitz of the School of Law was named Parliamentarian by unanimous consent.

II. Approval of Minutes

The minutes of the March 7, 2022 SMHS Faculty Assembly meeting were unanimously approved.

III. Approval of Changes to the SMHS Rules & Procedures

Dr. Yolanda Haywood, Senior Associate Dean for Diversity and Faculty Affairs led the Assembly through proposed changes to the SMHS Rules & Procedures as follows:

Approval of Proposal to count electronic presence for quorum and for the chair of the Faculty Assembly to announce in advance of every meeting, the technology that will be used to conduct the votes and the timing for any votes to be cast as endorsed by the Executive Committee of the SMHS Faculty Assembly

This proposal requests a change in the SMHS Rules & Procedures to count electronic presence towards quorum and for the chair of the Faculty Assembly to announce in advance of every meeting, the technology that will be used to conduct the votes and the timing for any votes to be cast. This proposal has been reviewed and endorsed by the Executive Committee of the SMHS Faculty Assembly.

A motion was made, seconded (R. Lucas, L. Ragle), and approved by unanimous consent to endorse the request to count electronic presence towards quorum and for the chair of the Faculty Assembly to announce in advance of every meeting, the technology that will be used to conduct the votes and the timing for any votes to be cast as presented by Dr. Haywood.

IV. Approval of Proposal to include the Regional Medical Campus in Standing Committees, the Executive Committee, and the Administrative Officers of the SMHS as endorsed by the Executive Committee of the SMHS Faculty Assembly

This proposal requests a change in the SMHS Rules & Procedures to incorporate the Regional Medical Campus into Sections V.B.1,3; X.B.a, d, f, and i; and XI.B. This proposal has been reviewed and endorsed by the Executive Committee of the SMHS Faculty Assembly. Dean Bass and Dr. Haywood clarified that this proposal is to grant limited governance rights to limited service faculty at LifeBridge, our proposed Regional Medical Campus. LifeBridge faculty will hold adjunct or clinical faculty appointments at schools that send their students, including GW to their hospital. Dr. Newmark asked why this was required of LifeBridge and not the VA for example and Dr. Lucas answered that a regional medical campus means that a year or more of the curriculum is taught to a cohort of students which is very different than having other hospitals as affiliate sites for our clinical rotations. Under the regional campus model, a cohort of students would go to Baltimore and complete all of year 3 and year 4 as defined by the LCME and for which we are seeking approval from the State of Maryland and the Middle States accreditation body. Dr. Lucas further clarified for Dr. T. McCaffrey, that we are seeking these changes prior to getting final approval because there will not be another faculty assembly before we anticipate getting approval and we will not be able to send students to Baltimore before the fall if we do not get these contingent rule changes.

A motion was made, seconded (M. Warner, S. Moody), and approved by unanimous consent to endorse the request that the Regional Medical Campus faculty and leadership be included in Standing Committees, the Executive Committee, and as part of the Administrative Officers of the SMHS as presented by Dr. Haywood.

V. Approval of Changes to the SMHS Guidelines for Appointment, Reappointment, Promotion, and Tenure

Dr. Yolanda Haywood, Senior Associate Dean for Diversity and Faculty Affairs led the Assembly through a proposed change to the SMHS APT Guidelines as follows:

Approval of Proposal to amend the assessment criteria for appointment or promotion of non-tenure-accruing faculty as endorsed by the Executive Committee of the SMHS Faculty Assembly

This proposal requests that for appointment or promotion in non-tenureaccruing positions, the candidate must be assessed as excellent in two of the three academic achievement areas, although some evidence of activity is expected in the remaining area. This proposal has been reviewed and endorsed by the Executive Committee of the SMHS Faculty Assembly. Dr. Haywood clarified that this proposal is to correct the existing guidelines which state that candidates for appointment or promotion on the nontenure track be assessed as 'very good to excellent' instead of 'excellent'.

A motion was made, seconded (L. Deyton, R. Zeman), and approved by unanimous consent to endorse the request that the assessment criteria for the appointment or promotion of non-tenure-accruing faculty as presented by Dr. Haywood.

VI. Dean's Report – Barbara Bass, MD

- 1. State of the Academic Medical Enterprise:
 - Dean Bass will deliver this address sometime in November and it will try to coalesce several of the things that have changed or evolved over the last 18 months.
 - Focus of the institution is to plan effectively and with hope as we move into a post-COVID world. The school and the university are better prepared to deal with any exacerbations or spikes of the pandemic with the goal of better protecting the community at large. However, we need to return to some form of connectivity which has been happening more and more over the past several months with full enrollments across all programs and campuses, staffed laboratories, and busy clinics and hospital spaces.
 - The SMHS has had some great celebrations, for example, just this week, the PA program which is one of the first PA programs in the country celebrated its 50th anniversary. It is one of the top-rated programs of its kind and Dean Bass noted that we look forward to its continued growth under the dynamic leadership of Mary Warner and Karen Wright and the rest of the faculty who make it such an exceptional program.
 - The SMHS is in its 199th year as an MD-granting institution and next year will be celebrating its bicentennial. There are not many schools that have done that, in fact, there are only twelve schools that have done it before the GW SMHS thus it is a matter of great pride and should be celebrated. It is also time to consider how the school is going to move forward into its third century as an academic medical enterprise that educates, takes care of patients, and does important research. Planning for the

special anniversary will be underway soon and details will be communicated to the community.

- <u>Accreditations</u>: The SMHS has several certifications underway as well as the preparations for the accreditation of several of our educational programs including the PA and the MD programs. The LCME accreditation process is long and arduous however it is important to get it right as it is what allows us to be a place that trains future MDs.
- 3. <u>New Relationship with GW Hospital:</u>
 - As of August 22 and after 18 months of nervous negotiations, GW and the SMHS have a new agreement/relationship with our hospital partner. This is an agreement that will provide the resources for our medical enterprise to flourish in the long run and will appropriately fund our three missions.
 - For the first time in the 27-year or so partnership, we have a new platform that will allow the academic medical enterprise to be successful based on an appropriately structured relationship that provides partnerships and alignment with our clinical missions that ultimately drive out clinical as well as our educational and research missions.
 - Selling the university's partnership share in the hospital for approximately \$54 million has allowed us to invest in the future of the academic medical enterprise with the formation of 14 new endowed professorships, nine of which are committed to the SMHS. They will be used very strategically to expand our footprint in clinical care, education, and research. The remaining five are to be filled at other schools at GW under the oversight of the VP for Health Affairs.
- 4. <u>Relationship with GW University</u>: The medical enterprise is written into the university's charter however the GW Faculty Assembly is spreading misleading information because they do not understand our value. Having the MFA on the university's balance sheet is a good thing for the university since any association with an academic medical center is a positive one.
- 5. <u>Reworking the MFA:</u>
 - The bulk of the clinical enterprise is at the MFA and with that in mind, we are undergoing a process that will help us identify areas of weakness and make timely, necessary changes that will improve our faculty practice, and help us to succeed in the long-

term. There have been many changes since COVID, but we are moving in the right direction – improving our operations and finances. The changes may not be obvious in our everyday lives, but eventually, everyone will see the benefits of the work that is being done.

- The loan from the university has helped to keep the MFA afloat ad support the academic clinical enterprise and was facilitated by the fact that the university's financial position is very strong due in part to its alignment with an academic medical program that provides a bump in rating even in tumultuous times. We have executed a long repayment plan with the university because the SMHS is an autonomous organization that earns its share through tuition, research grants, and fundraising. There is a tremendous amount of work to be done and an equal amount of patience will be required to get through it and get it done.
- Amid the required restructuring and planning, there is the false narrative that we are dramatically losing faculty. In the past 12 months (Oct 1, 2021-Sept 30, 2022), 28 active, regular-status faculty have joined the MFA; and 40 active, regular-status faculty have departed. In the past two months (Sept & Oct), 8 active, regular-status faculty have joined the MFA and only 3 have departed. Within the SMHS, we've added 10 regular status and research faculty this year, and one regular, full-time faculty member has departed.
- 6. Washington DC and Cedar Hill:
 - The SMHS has a unique position in DC and we are shifting our focus to serving our local community with the goal of becoming the premier healthcare provider in the nation's capital.
 - Construction of the new hospital and ambulatory pavilion at Cedar Hill has begun and it will serve as the primary academic research and clinical care partner for UHS at these facilities including a new family medicine residency program on the campus.
 - Timeline:
 - Groundbreaking was in February 2022
 - Ward 8 Urgent Care ribbon cutting this Friday, October 7th
 - Urgent care in Ward 7 to open by the end of 2023 (likely sooner)

- Hospital to open in December 2024
- We are about to ramp up planning for Cedar Hill, starting with the hiring of an academic leader to oversee the project.
- 7. Academic Centers of Excellence:
 - The new flow of funds expected from the revised partnership with the hospital will go towards sustaining the big integrated clinical care pillar that stands in between funds from discovery science, translational research, clinical trials, implementation sciences, and population health. The education, clinical and translations, and basic discovery science missions are also dependent on the clinical mission of any academic medical enterprise and the revenue that it generates. The more the SMHS can attract people from around the region, the country, and the world to come to us for certain elements of care, the more revenue it will generate to drive all our missions.
 - The way to achieve this goal is to build centers of excellence such as the Cancer Center around other areas of opportunity such as cardiology, neurological disease, etc. Creating a link between the great science that we do and the great clinical care that we can provide will be very advantageous for the school.
- 8. <u>Medical Enterprise Leadership Updates:</u>
 - The SMHS has welcomed some great new leaders since the last meeting.
 - MFA:
 - Interim MFA COO Pam McClain
 - Executive Director for Operations, Dept of Medicine –
 Meghan Smith
 - Executive Director of Patient Access Hitan Kamdar
 - o SMHS
 - Director of Himmelfarb Library Laura Abate
 - Interim Associate Dean for MD Admissions Ioannis Koutroulis
 - Assistant Dean for Admissions Kevin Nies
 - Associate Dean for Academic and Student Affairs Candace Johnson

- Assistant Dean for Curriculum Management & Evaluation – Laurie Lyons
- 9. <u>Anti-Racism Coalition (ARC) & Faculty Affairs Update</u> Yolanda Haywood, MD
 - Dean Haywood began by giving kudos to Dr. Adam Friedman who has been named the senior editor and creator of a new dermatologic resource called the Full Spectrum of Dermatology. It is a diverse and inclusive atlas, one of the first that includes people with different skin colors, particularly those with darker skin, and something that our students have been clamoring for a long time. It is an ongoing project that is available for free online (https://jddonline.com/project-atlas/).
 - Other kudos go to Dr. Asia Terry from the Department of Emergency Medicine who is the president-elect of the American College of Emergency Medicine Physicians, the first African American person to hold that prestigious position.
 - ARC started with a steering committee and an executive committee which divided itself into groups based on the work it was doing. Now ARC is reformulating the work that it has done over the past two years into a guiding coalition made up of department faculty equity leaders, staff from the SMHS, and students from MD/PA/IBS and more programs to come. The coalition has representatives from nearly every single one of the 20+ departments at the SMHS and the first meeting is scheduled for October 19th.
 - GW now joins the community of institutions that have abandoned the use of race-based GFR formula. This is quite a significant accomplishment for the school and ARC was at the forefront of that.
 - The next book club discussion will be on Oct 18 at noon and Oct 19 at 5 pm. The featured book is <u>Under the Skin</u> by Linda Villarosa and it is about how racism affects health.
 - There are a couple of new documents for promotion and tenure on the Appointment, Promotion & Tenure website. They are Areas of Career Focus that helps to clarify where to focus their work. The four areas are Equity, Community, and Population Health; Clinical Innovation & Expertise; Education/Administrative

Leadership; and Investigation. The document provides a nice summary of each area and provides examples of what kind of activities count towards promotion.

- The other document is one on Digital Scholarship. It is a collection of guidelines that give direction to faculty when it comes to how digital scholarship will be evaluated in the promotion process.
- New Faculty Orientation on Nov 11 from 7:30-9 am. New faculty should have received individual invitations.
- Faculty Awards Nominations are due on October 6th. The awards are Distinguished Service Award, Distinguished Teacher Awards, Diversity & Inclusion Award, and Distinguished and other Research Awards. The awards ceremony will be held on November 2nd at 4:30 pm in the SEH.
- Finally, nominations for the Executive Leadership in Academic Medicine Program (ELAM) opened on Oct 1. This is a premier program for women in academic medicine who are looking to be leaders, particularly deans and department chairpersons. Only two applications will be supported however anyone who wants to apply can do so.
- 10. <u>MD Programs</u> Terry Kind, MD (presentation slides are appended)
 - The Self-Study process of the LCME preparation has begun. The goal of the study is to determine if the school's MD program is in compliance with all standards and elements of the LCME and to promote self-evaluation by members of the medical education community.
 - Steps of the self-study include the completion of a massive data collection instrument (DCI) and an independent student analysis (ISA). An analysis of the DCI, the ISA and other information sources follows as well as the creation of a summary report that identifies institutional strengths, challenges, and strategies to address those challenges.
 - The Graduation Questionnaire (GQ), a survey administered by the AAMC is another information source and the SMHS had a reasonably good response rate. There was a decline in several areas including curriculum, satisfaction with medical

education, and responsiveness by student affairs and curricular deans.

- The Surgery clerkship continues to rank significantly lower than the national average though internal data shows steady improvement.
- More focus is needed on student support services, counseling, residency application, student tutoring, and overall student well-being as well as improving the learning environment which scored poorly as well.
- Several strategies to address these deficiencies are underway and include:
 - Communication plan
 - Career advising action plan
 - A collection of actions to enhance the curriculum
 - A new Office of Respectful Learning
- The new Regional Medical Campus at LifeBridge will be the future campus for year 3 and 4 students.
- 11. <u>Welcome to New Faculty</u> Dean Bass
 - A big welcome to all the new faculty who have joined the SMHS across all departments.

VII. Research Update – Robert Miller, PhD (slides appended)

- Research is a key pillar in the SMHS mission and as we emerge from a period of relative dormancy due to COVID, there's reason to be optimistic because we are on an upward trajectory and the future looks very bright.
- The research numbers are remarkable and it is thanks to the work that everyone puts in. The fact that the SMHS could grow its expenditures on grants by almost 20% is a testament to the hard work that people have put in.
- The number of investigators doing research has gone down a little bit but we are beginning to expand the research workforce starting with faculty searches in the Basic Sciences departments and the Cancer Center.
- In terms of clinical research, there is a new website for the Office of Clinical Research (https://clinicalresearch.gwu.edu) which links to GW Docs, the SMHS and provides an

opportunity to see what is happening whether a patient, a researcher, or an administrator.

- A boot camp for clinician investigators, a series of four workshops on how to operationalize biologic clinical trials at GW and CNH will take place over the next couple of months. Hematology/Oncology, Neurology, and Medicine.
- A new set of laboratories have opened up on the fourth floor of Ross Hall and are closing in on the opening in January 2023 of the new cell therapy unit. This unit will provide the opportunity for us to develop our own cell therapies and put them into use in our clinics.
- The Shared Equipment Committee led by Sally Moody is one of the resources that the SMHS provides in support of our investigators. There is a website on which researchers can look to see which equipment is available, who maintains it, and how one can get to use it. our core facilities and provide more stable staffing to support research.

VIII. GWU Faculty Senate Report – Robert Zeman, MD

- The presidential search is underway and currently at the accepting nominations phase with regular meetings between the Faculty Consultative Committee, the Executive Committee, and the Presidential Search Committee. There are many challenges ahead including the future of higher education and the consideration of the relative value of a GW education that the new president will have to confront once hired.
- The last Faculty Senate meeting introduced a great many administrative leadership changes including the announcement that Bruno Fernandez will take over Mark Diaz's position as Executive Vice President for Finance for the university.
- The Faculty Senate and the Executive Committee have been having discussions about the strategic priorities of the university and academic medicine is at the top of everybody's list of priorities along with other things that affect healthcare such as equity, social justice, data science, and sustainability which were all cited as priorities.
- The guiding document for shared governance by the GW Board and the Faculty Senate is very exciting, and part of the shared governance

of processes includes regular meetings between the Board and the Faculty Senate Executive Committee.

- There is continued debate in the Senate and within the Fiscal Planning committee about the MFA's finances and the relationship with the university. University leadership and Legal have made it clear that there are limits to what can be disclosed but the new relationship with UHS has fundamentally and positively changed things for the medical enterprise.
- Finally, the GW Faculty Assembly is an important part of the shared governance process yet there are continued efforts to disenfranchise MFA faculty and faculty from Children's and the VA. There is a task force that has been set up to advise one of the Faculty Senate committees on this issue and the general sentiment in the Senate is that the SMHS' faculty numbers will overwhelm the Faculty Assembly and so efforts will be made to limit that majority.

IX. Executive Committee Report:

The report of the Executive Committee was circulated in advance of the Assembly and is appended to these minutes.

X. New Business

• None

The meeting was adjourned at approximately 6:17 pm.

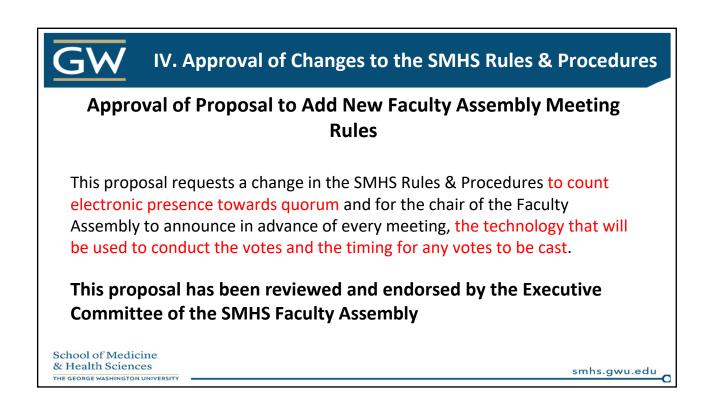
Respectfully submitted:

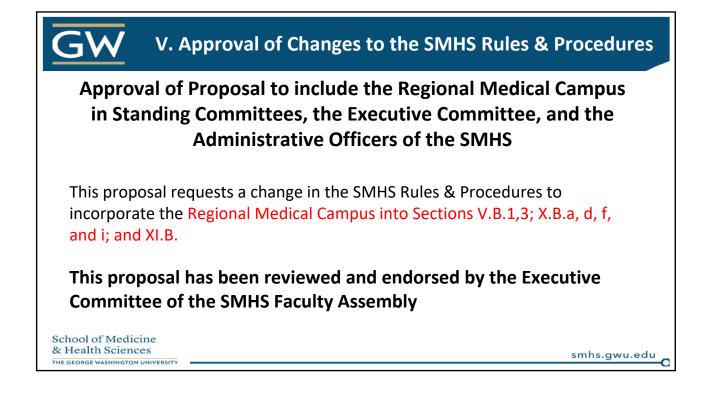
Nadia Cureton Director, Faculty Administration











VI. Approval of Changes to the SMHS Guidelines for Appointment, Reappointment, Promotion, and Tenure

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This proposal requests that for appointment or promotion in non-tenureaccruing positions, the candidate must be assessed as excellent in two of the three academic achievement areas, although some evidence of activity is expected in the remaining area.

This proposal has been reviewed and endorsed by the Executive Committee of the SMHS Faculty Assembly

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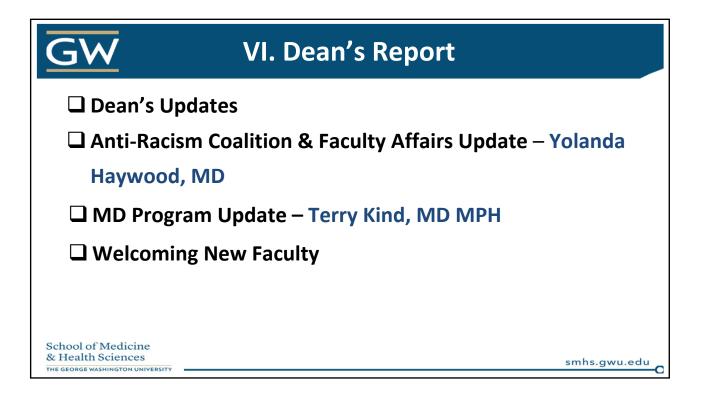


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SMHS Faculty Assembly Dean's Report

October 3, 2022

Barbara L. Bass, MD Vice President for Health Affairs Walter A. Bloedorn Chair of Administrative Medicine Dean, GW School of Medicine and Health Sciences CEO, GW Medical Faculty Associates



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GW University Charter

The purposes of the University are:

1. To educate individuals in liberal arts, languages, sciences, learned professions, and other courses and subjects of study,

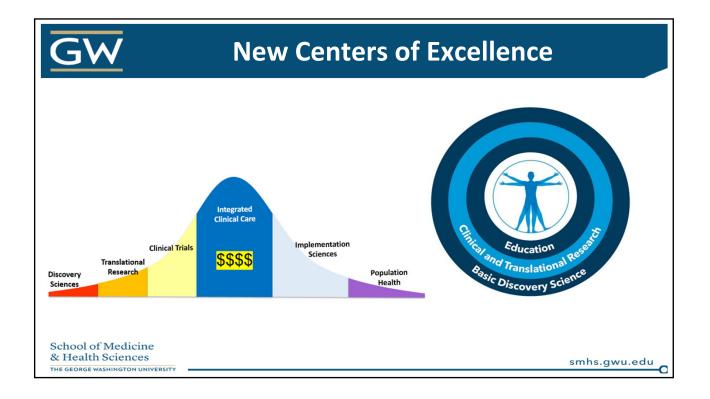
2. to conduct scholarly research and publish the findings of such research,

3. To operate hospital and medical facilities, and

4. to engage in any activity incidental to the foregoing purposes. Such purposes shall be accomplished without regard to the race, color, creed, sex, or national origin of any individual.

School of Medicine & Health Sciences





New Medical Enterprise Leadership



Pamela McClain



Meghan Smith, MBA Interim Chief Operating Officer, MFA Executive Director of Practice Operations, **Dept of Medicine**



Hitan Kamdar, MBA, MS **Executive Director of Patient Access**

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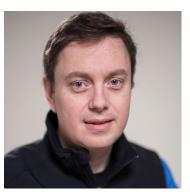


New Medical Enterprise Leadership



Laura Abate Director of Himmelfarb Library

School of Medicine & Health Sciences



Ioannis Koutroulis, MD, PhD, MBA Associate Dean of MD Admissions (Interim)



Kevin Nies Assistant Dean for Admissions

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Candice Johnson Associate Dean for Academic & Student Affairs

School of Medicine & Health Sciences



Laurie Lyons Assistant Dean for Curriculum Management and Evaluation

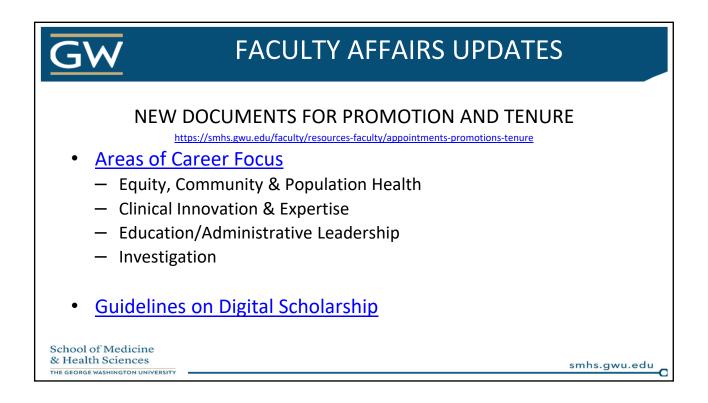
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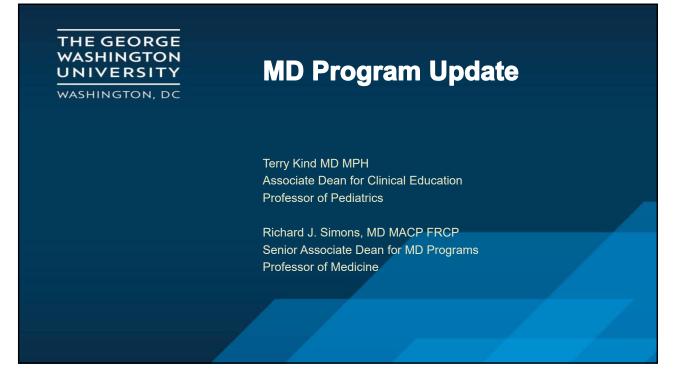
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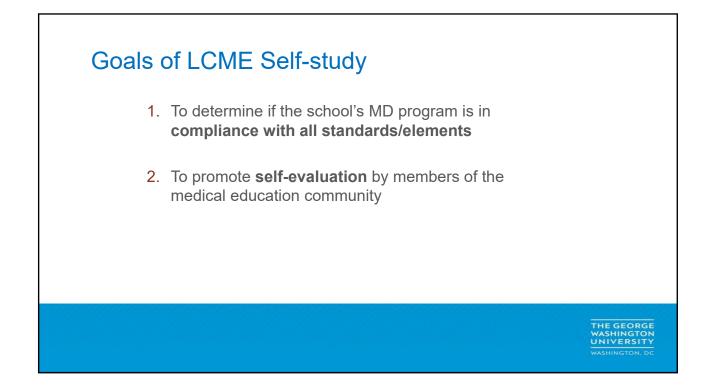


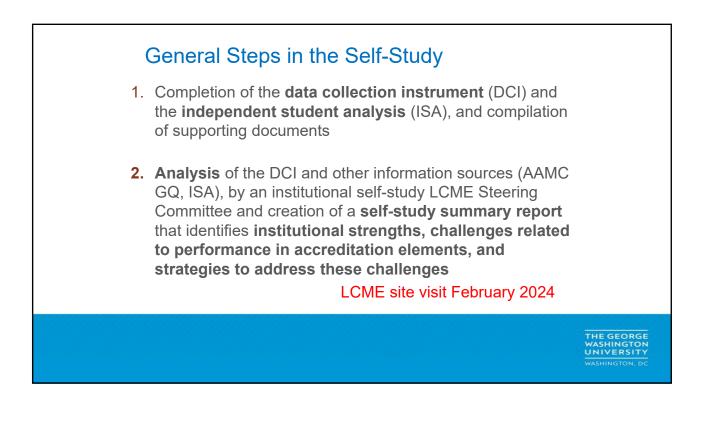


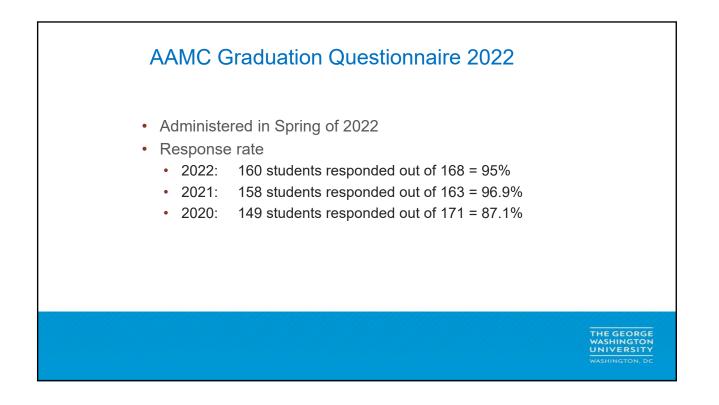


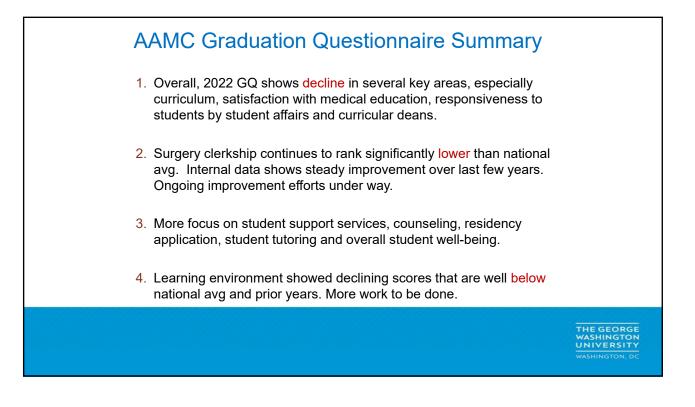


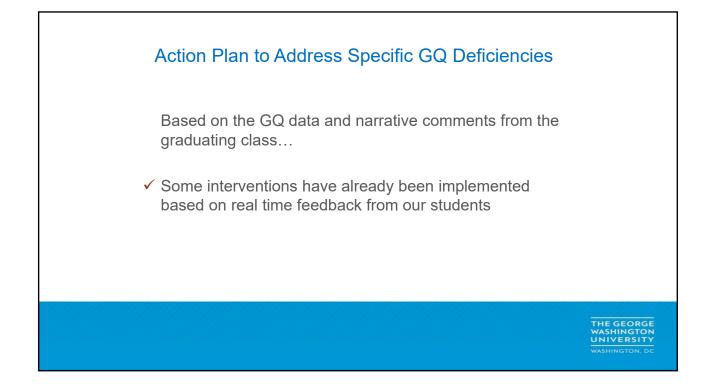


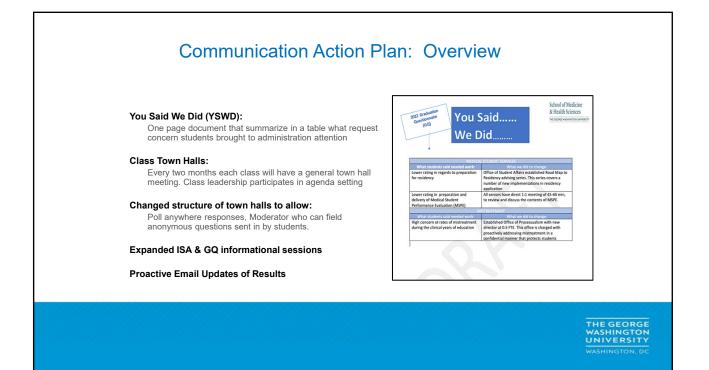


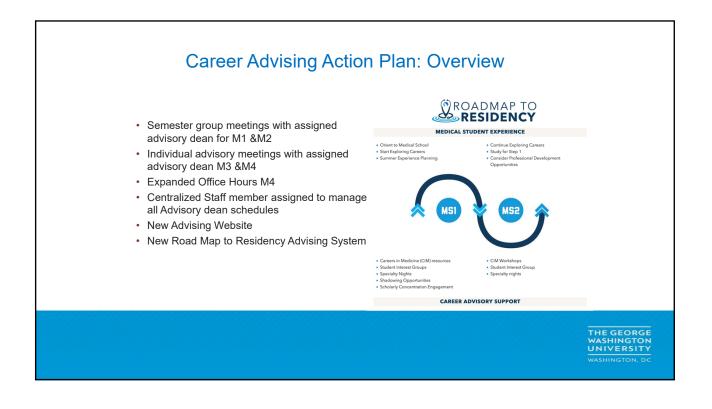


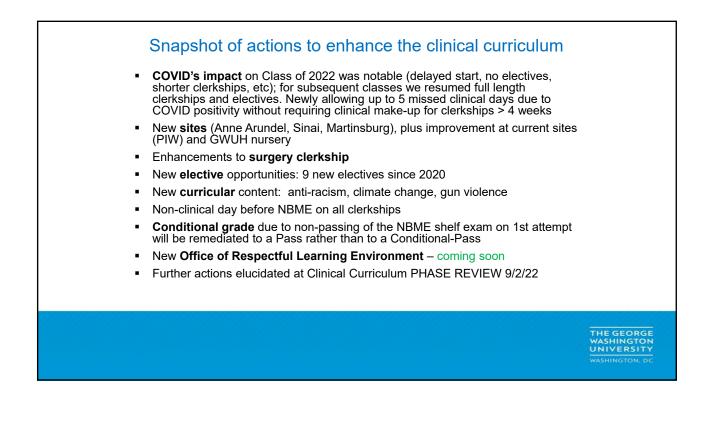


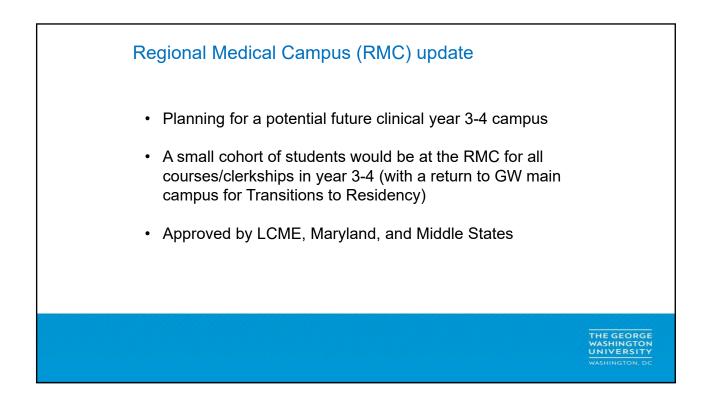


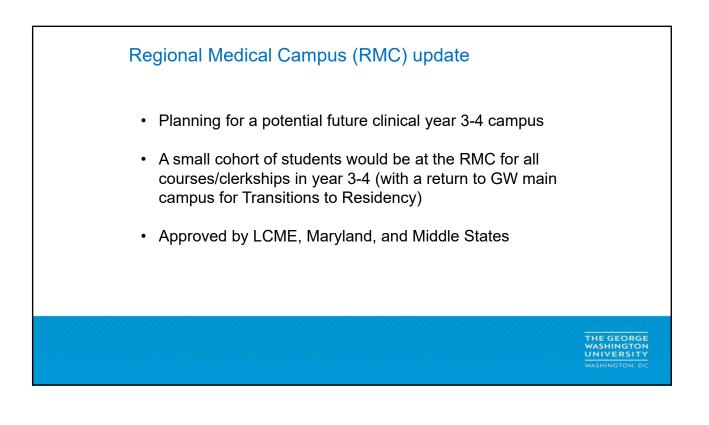












Thank you to all who contribute to medical education!

faculty, community, staff, trainees, coordinators, directors, sites, healthcare Professionals, patients, families, advocates, leaders, educators, learners, innovators, caregivers, researchers

New FT Regular Faculty (March 1-Sept 30)

Anatomy & Cell Biology

Andrew Ferriby Assistant Professor

Professor

Instructor

Instructor

Instructor

Professor

Assistant Professor

Assistant Professor

Assistant Professor

Assistant Professor

Anesthesiology & Critical Care

Medicine Ioanna Apostolidou **Tamanda Douglas Eveline Mordehai Marius Fassbinder** Phayon Lee Joseph Manley Ferenc Puskas

Biomedical Laboratory Sciences Graciela Lopez Gamboa Assistant Professor

Dermatology

Laura Boger **Colleen Cotton**

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Emergency Medicine

Assistant Professor Emmeline Ha Natalie Sullivan Instructor

Genomics & Precision Medicine

Matthew Bramble Assistant Professor Arthur Ko Instructor

Health, Human Function &

Rehabilitation Sciences Assistant Professor

Sarah Doerrer Tippi Geron Norman Gill **Stephanie Hiser**

Medicine

Sumona Bhattacharva Manuel Cabrera John Nohren Peter Caldwell Colleen Caldwell

Assistant Professor Instructor Assistant Professor Assistant Professor Assistant Professor

Assistant Professor

Assistant Professor

Professor

Neurology & Rehabilitation

Medicine Fernando Mayor Basto Assistant Professor Arnold Sansevere Assistant Professor Sarah Wright Assistant Professor

Obstetrics & Gynecology Ziad Hubavter Assistant Professor Sarah Rahman Instructor Matthew Waitner Instructor

Orthopaedic Surgery

Assistant Professor **Robert Sterling** Professor

Pathology Benjamin Liu

Keyur Desai

Assistant Professor

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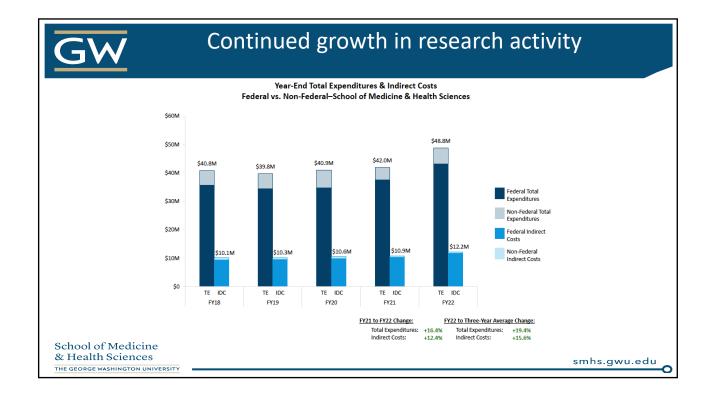
New FT Regular Faculty (March 1-Sept 30)

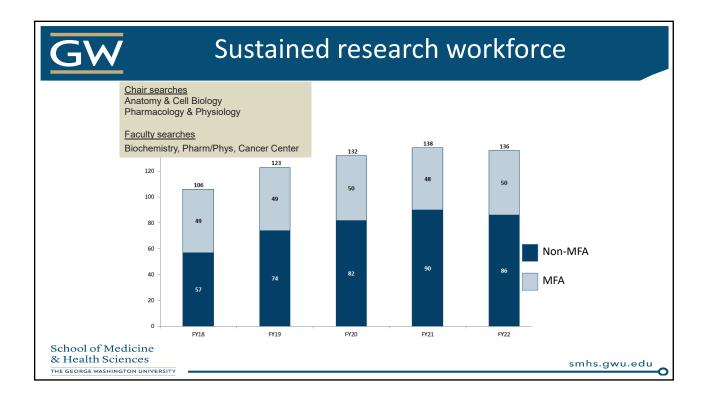
Pediatrics Kelli Baldwin Hannah Canty Kelsey Donoho Adriana Fonseca Sher	Instructor Assistant Professor Assistant Professor idan Instructor	Psychiatry & Beha Ellen Bartolini Marta Genovez Sivabalaji Kaliamurthy Noelle Wolf	vioral Sciences Associate Professor Instructor Assistant Professor Instructor	
Marcin Gierdalski Nataley Jhingoeri Louise Pyle Sandeep Sandhu Kathryn Stigliano Padma Swamy	Assistant Professor Instructor Assistant Professor Instructor Instructor Assistant Professor	Radiology Syed Anwar Thelma Lopes	Associate Professor Assistant Professor	
Christina Wiedle <u>Physician Assista</u> Malwina Huzarska Sawali Sudarshan	Assistant Professor <u>nt Studies</u> Assistant Professor Assistant Professor	<u>Surgery</u> James Duncan	Assistant Professor	
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GW	Bootcamp for Clinician Investigators				
		tionalize biologic clinical trials at GW and CNH. grams, templates, and resources. Session 2. Thurs DEC 15, 12-2 pm (virtual) Optimizing Roles on the Study Team How the strengths of CRA and the investigator tie into the audit Who is part of the Safety team? Optimizing stakeholder input The clinical trial contract Budgeting and Contracts: Standard of care testing vs research costs Service biostatistics Breakouts: Institutional Solutions to Challenges Who pays for what? Standard of care and protocols for escalation			
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