

**Faculty Senate Agenda**  
**3:30 p.m., September 26, 2018**  
**Faculty Club, Whitten University Center, Coral Gables Campus**

Click [HERE](#) for a complete package of materials  
<https://fs.miami.edu/assets/pdf/facultysenate/Documents/18-19-senate/b-september-18-fs/complete-pkg.pdf>

(If you have trouble opening the link within the agenda item, paste the address below each item into your browser to access.)

- | <b>A.</b> | <b><u>Introductory Matters</u></b>   | <b>Approx.<br/>Time</b> |
|-----------|--|-------------------------|
| A1.       | Faculty Senate Chair Remarks – Tomás Salerno   | 3:30                    |
| A2.       | Provost Remarks – Jeffrey Duerk  | 3:45                    |
| A3.       | Introduction of Newly Appointed Dean Laura Kohn-Woods, Education and Human Development   | 4:00                    |
| A4.       | Student Government representatives remarks   | 4:05                    |
| A5.       | <a href="https://fs.miami.edu/assets/pdf/facultysenate/Documents/18-19-senate/b-september-18-fs/minutes-august.pdf">Approval of proposed Faculty Senate Meeting minutes of August 29, 2018</a><br><a href="https://fs.miami.edu/assets/pdf/facultysenate/Documents/18-19-senate/b-september-18-fs/minutes-august.pdf">https://fs.miami.edu/assets/pdf/facultysenate/Documents/18-19-senate/b-september-18-fs/minutes-august.pdf</a>  | 4:10                    |
|           | [GWC – Unanimously approved.]  |                         |
| A6.       | Approval of today's agenda   | 4:15                    |
| A7.       | Other announcements  |                         |
| <b>B.</b> | <b><u>General Matters</u></b>  |                         |
| B1.       | <div style="border: 1px solid black; padding: 5px;"><b><u>Unanimous Consent Agenda</u></b> [unless there is an objection, these materials will be submitted and approved on documents only]<br/>1) <a href="https://fs.miami.edu/assets/pdf/facultysenate/Documents/18-19-senate/b-september-18-fs/med-gordon-center-name-change.pdf">Proposal to change the name of the University of Miami Miller School of Medicine Michael S. Gordon Center for Research in Medical Education (GCRME) to the University of Miami Miller School of Medicine Michael S. Gordon Center for Simulation and Innovation in Medical Education (GCSIMed)</a> – Ivette Motola (Assistant Director, Gordon Center)<br/><a href="https://fs.miami.edu/assets/pdf/facultysenate/Documents/18-19-senate/b-september-18-fs/med-gordon-center-name-change.pdf">https://fs.miami.edu/assets/pdf/facultysenate/Documents/18-19-senate/b-september-18-fs/med-gordon-center-name-change.pdf</a><br/>2) <a href="https://fs.miami.edu/assets/pdf/facultysenate/Documents/18-19-senate/b-september-18-fs/a-s--gender-studies.pdf">Proposal to change the name of the Women's and Gender Studies undergraduate major and minor in the College of Arts and Sciences to the Gender and Sexuality Studies undergraduate major and minor</a> – Merike Blofield – (Associate Professor, Women and Gender Studies)<br/><a href="https://fs.miami.edu/assets/pdf/facultysenate/Documents/18-19-senate/b-september-18-fs/a-s--gender-studies.pdf">https://fs.miami.edu/assets/pdf/facultysenate/Documents/18-19-senate/b-september-18-fs/a-s--gender-studies.pdf</a><br/>[GWC – had no objections to either proposal.]</div> | 4:20                    |
| B2.       | <a href="https://fs.miami.edu/assets/pdf/facultysenate/Documents/18-19-senate/b-september-18-fs/a-s-bus-dual-math-degree.pdf">Proposal to Create a 5-year Dual Bachelor of Science in Mathematics / Master of Science in Mathematical Finance Degree Program, College of Arts and Sciences / Business School</a> – Alexander Dvorsky (Associate Professor and Director, MSMF Program)<br><a href="https://fs.miami.edu/assets/pdf/facultysenate/Documents/18-19-senate/b-september-18-fs/a-s-bus-dual-math-degree.pdf">https://fs.miami.edu/assets/pdf/facultysenate/Documents/18-19-senate/b-september-18-fs/a-s-bus-dual-math-degree.pdf</a><br>[GWC approved unanimously.]  | 4:25                    |

B3.	2019 Healthcare Update – Cristina Elgarresta (Associate VP, Total Rewards)	4:35
C.	<b><u>Other Business</u></b>	4:45
D.	<b><u>Adjournment</u></b>	4:50

**Reminder:**

- Wednesday, **October 3**, at **5:00 p.m.** (please note time change) the President hosts the meeting, Miller School of Medicine Campus. As discussed previously, on a 1-year trial basis, meetings held on the MSOM campus will start at 5 p.m., later than the usual start time.

(There is no set agenda for this meeting, but it an opportunity for faculty to ask questions directly to the President.)

- Introductions planned:
  - CFO Mary Beth Briscoe, UHealth and the Miller School of Medicine
  - Dean Henri Ford, Miller School of Medicine

Item A5



The John Knoblock  
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## August 29, 2018 Proposed Faculty Senate Minutes

The meeting, held in the Faculty Club of the Whitten University Center, Gables Campus, opened at 3:35 p.m.

### CHAIR'S REMARKS

Senate Chair Tomás Salerno welcomed members and guests back, noting his excitement to begin a new and active year. He invited all attendees to stay after the meeting for a reception immediately following the meeting, thanks to the generosity of funds donated by Stuart Miller. All new members were welcomed and invited to introduce themselves. He noted that the Vice Chairs were both returning to their roles, who in addition to consulting with him on many matters, also attend the school council meetings, meet with committee chairs, and meet with the President and Provost three times each semester. Additionally, he explained that both Vice Chairs were instrumental in consulting on the appointment of Faculty Senate committee members. First Vice Chair, Linda Neider, from the Business School, serves on the Senate Committee on Equity and Inclusion and as *ex officio* on the Committee on Rank, Salary and Conditions of Employment. She also serves as our in-house consultant on curricula matters.

Second Vice Chair JoNel Newman from the School of Law, serves as the in-house consultant on *Faculty Manual* questions, and also is a member on the Faculty Senate Equity and Inclusion Committee.

He reminded attendees that much of the work done by the Senate is behind the scenes, so although the meetings are important, they represent a small portion of what the officers do on behalf of the Senate.

He also introduced the Faculty Senate staff and our roles: Yanin Valdes oversees the webpage updating, scheduling, parking and venue reservations; Alexandra Marban handles the committee management, and all awards matters; I maintain the *Faculty Manual*, manage the legislation, quadrennial evaluations, and serve as the Secretary to the General Welfare Committee (GWC) and Faculty Senate.

The Officers are scheduled to have two welcome lunches for the Faculty Senate committee chairs; the first was held today. He reminded members that the work of the Senate begins with its committees.

Following the tradition of the past few years, the officers will also be joining each school or college council to introduce themselves and remind faculty of the role of the Faculty Senate at the University.

He gave kudos to faculty members:

Education and Human Development faculty member Guerda Nicolas, a Faculty Senate member from the Graduate School, who was awarded the International Humanitarian Award by the American Psychological Association for her work in bringing mental health to marginalized societies.

Miller School of Medicine faculty member and former Outstanding Teaching Awardee, Gaetano Ciancio was honored with a named operating room in Buenos Aires, the first in Latin America to be named after an American transplant surgeon.

There was a moment of silence held to recognize School of Nursing and Health Studies faculty member JoAnn Trybulski who passed away this summer. She had been a member on our committees, and was a wonderful person, who will be missed.

He thanked those faculty member who participated in the vote this summer of the three Charter amendments.

At the Faculty Senate Retreat this past May, attendees identified several areas that require further attention as well as offered suggested directions for the Faculty Senate in the future. Based on those comments, the Chair noted that he had spent much of the summer pursuing more feedback on these matters from members, deans, the administration, Board of Trustees members and staff. He pointed out that the last few years have been defining years for the University, with appointments of a new president, new provost, deans and administrators. The GWC's involvement in the consultation for the appointment of the President and Provost was a defining moment for its members, partially due to its feelings of empowerment and collegial interactions. To demonstrate the extent of the changes to the leadership, the University's organization chart was projected. This level of change can create anxiety and challenges but also provides opportunities for improvement.

His consultation efforts this summer made him recognize the need for further efforts in developing relationships and interchanges; to take an even more proactive approach to address issues and concerns of faculty in particular. He pointed out to those who have contacted him about various issues, that he always responds after he has investigated a matter, or resolved it using discretion and taking care to protect confidentiality. As such, members of the administration, deans and others feel comfortable in reaching out to him with issues, and he also feels comfortable to call upon any of them to address concerns (when the faculty involved allow him to do so). He pointed out that he takes care to follow appropriate protocol and processes.

He noted that an impressive list of 2017-2018 Faculty Senate accomplishments was sent to all faculty, deans and upper-level administrators this summer, as had been requested by members last spring. He thanked everyone for their efforts to bring these issues to fruition.

Per Senate rules, committee chairs cannot serve more than two 1-year consecutive terms, unless there is a reason to extend by one year. Based on the chair's recommendation, the GWC agreed for continuance of R. Steven Cantrell, to serve as the Budget and Compensation chair. Commending him for the outstanding job that he has done in this position.

The Chair explained that the Tomás Salerno Senate Chair fund, was established two years ago through various outside donations. Stuart Miller surprised the Chair by donating the awardee stipend he received last year to the Senate Chair fund. This money will be used for a good cause, and he encouraged the members to send suggestions for its use during this academic year.

The Chair asked the University Title IX coordinator Bonnie Muschett and Vice Provost for Faculty Affairs David Birnbach to outline a proposal that will be coming forward to the GWC and Senate. Ms. Muschett explained that the University's Sexual Misconduct Policy was recently updated to include important provisions recommended by external consultants from the Rape, Abuse & Incest National Network (RAINN), and reviewed extensively by members of the Title IX Committee, led by her. RAINN is the nation's largest anti-sexual violence organization, and has assisted the University in developing an effective sexual misconduct education and response program.

Ms. Muschett reminded attendees that all faculty members are Responsible Employees under the Sexual Misconduct Policy. Responsible Employees who receive an oral or written complaint of Sexual Misconduct involving a University student, faculty, staff member or affiliate, must promptly report the complaint to the Title IX Coordinator. Educational courses addressing Title IX and Sexual Misconduct are required for (a) all Responsible Employees, and (b) anyone assigned to a hearing panel for a Sexual Misconduct matter. The initial courses will be assigned to faculty in the coming weeks.

### **PRESIDENT'S REMARKS**

President Julio Frenk welcomed members and thanked Board of Trustees Academic Affairs Committee Chair Marilyn Holifield for joining the meeting. He shared data on students provided by the Provost, noting the positive trends in student numbers. He pointed out the positive increase in total applications, the accomplishment of holding the undergraduate numbers constant, the close gender parity, and the highest proportion of black students as compared to our peers. He is pleased to note the diversity of the incoming freshmen class.

There are 140 new faculty members from all campuses added this year who were welcomed with a 'Welcome Picnic', a new tradition started by the Provost. Separately, the University hosted a dinner for newly tenured faculty.

He invited everyone to his State of the University event on Monday, September 17 at 4 p.m. at the Watsco Center. There will be an interactive experience and interactive exhibit before the President makes his presentation at 5:00 p.m. He invited alumna, Jackie Nespral to moderate, and will open questions for the live audience and to social media. This year, it will be a town hall-style meeting rather than the traditional University address.

The President also pointed out the complete integration last term of the new leadership team, consisting of the Provost, Jackie Travisano, Edward Abraham, several new deans, and many changes at the central administration level, resulting in a highly functional team. This seasoned team has now worked together for one full year, and that he expects they will demonstrate many achievements.

Another major accomplishment was the approval of the Strategic Plan for the University. This process was a "bottom-up exercise" that started with his listening exercise, and many town hall meetings. The new leadership team began implementing the plan, continuing consultation with the Faculty Senate and the Board of Trustees, to achieve formal approval. Most of the State of University address will focus on accomplishments, but he also wants to focus on the next steps to move the process forward. School and colleges are working on unit plans for implementation of the next stage.

He commented on new processes started this year that had a positive effect on the new student orientation week. This past week, he celebrated his third year as President at the University. Noting that it was a pivotal moment since many elements are now in place to begin "performance time."

The President entertained questions from the floor.

### **INTRODUCTION OF NEWLY APPOINTED ASSOCIATE VICE PRESIDENT FOR ENTERPRISE APPLICATIONS AND SERVICES, FRANK AZUOLA**

Dr. Azuola announced that he has been at UM for seven weeks, and is learning about the University's goals and mission, looking at the enterprise services, listening to the constituents, and reaching out to different areas of the University to learn how he can assist. He comes from higher education with a PhD in computer science; his most recent position was at George Washington University. The changes occurring at UM are what brought him here. He thanked the body for the opportunity to meet them.

### **STUDENT GOVERNMENT REPRESENTATIVES' REMARKS**

The Undergraduate Student Government representatives introduced themselves and noted their excitement to work with the Faculty Senate. The undergraduate representative announced that there are now 32 feminine hygiene machines in gender neutral bathrooms on campus. The Graduate Student Association President introduced himself, as well.

### **# APPROVAL OF MINUTES OF APRIL 18, APRIL 25 AND MAY 9, 2018**

*A motion was made, seconded, and the minutes were approved unanimously.*

### **# APPROVAL OF TODAY'S AGENDA**

The chair noted that Item B2 would be moved to the September meeting since the UHealth Plan information is not complete at this time.

*A motion was made, seconded, and the agenda was approved unanimously as amended.*

### **OTHER ANNOUNCEMENTS**

Executive Director of Events (Commencement) Lexi Cimmino announced the academic regalia sale, so faculty can purchase their own regalia at a discounted price. There were forms available at the meeting, and announcements will be forthcoming.

## General Matters

### **2017 – 2018 ANNUAL UPDATE ON CENTERS AND INSTITUTES**

Executive Vice President and Provost Jeffrey Duerk pointed out that according to the *Faculty Manual* Section C18.2.2 on Centers and Institutes, “. . .the Provost shall consult with the dean of the host school at 5-year intervals to determine whether the unit remains active and shall report to the Faculty Senate the names of those that should be disestablished.” The Provost presented the following:

1. Center for Hemispheric Studies (CHP)

The Center for Hemispheric Studies has merged with the Center for Hemispheric Policy and the University of Miami Institute for the Advanced Study of the Americas. The CHP should formally be disestablished and has my support for this cessation. The merged entity will continue as a University Institute under its current name as established under #2016-17(B).

*A motion was made, seconded, and the recommendation was approved by majority with one abstention.*

2. BioNIUM

The John T. MacDonald Foundation Biomedical Nanotechnology Institute, known as BioNIUM has had a positive impact on our campus and provided important micro-fabrication technology to our campus, stimulated important research, enabled recruitment of exciting faculty and created interesting new technologies and grant funding. As an interdisciplinary hub for faculty, it aligns well with our university Roadmap that emphasizes expansion and improvement of our interdisciplinary research capabilities. Under new leadership of Dr. Sylvia Daunert, BioNIUM enters a new age with a new mission for expanding faculty research and discovery opportunities. The Provost review is positive.

3. Miami Clinical and Translational Science Institute (CTSI)

The Miami CTSI has had a positive impact on our campus. Dating back to 2013, following the 2012 NIH CTSA Award, the institute has encouraged and supported interdisciplinary team science, translational discovery and development of a new breed of translational physician scientists at UM. Most notable recently is the return of the NIH CTSA award- a remarkable achievement given the changes in leadership of UM’s program and the change in direction of the NIH award program. The review is positive and supportive of formally (re)establishing the CTSI.

4. Interdisciplinary Stem Cell Institute (ISCI)

ISCI is an important asset to UM in its pursuit of new discovery in regenerative medicines as well as new frontiers of patient treatment. ISCI is prolific in terms of its scholarly output, clinical patient trials, development of IP, cross-institutional collaboration, licensed technology, national/international reputation, and start-up creation. It is an institute at the cutting-edge of UM’s scholarly and interdisciplinary mission and as such occasionally suffers the growing pains of those at the cutting-edge. The review is positive and continuation is warranted.

5. Hussman Institute for Human Genomics (HIHG)

The HIHG, as it is known, like ISCI, is highly successful. The research and discovery arising from the faculty is notable nationally and internationally. The HIHG research output continues to rise and notable faculty and faculty recruits provide great value to the overall UM campus. The review is positive and continuation is warranted.

6. Schiff Center for Liver Disease

The Schiff Center for Liver Disease recognizes UM pioneers in the treatment of liver diseases; notable work in the treatment of chronic viral hepatitis C have been conducted and received positive scholarly review, along with other important studies in hepatitis B treatment, liver fibrosis, among others. The center



supports laboratory research and primarily clinical trials. Succession planning, future mission/vision planning will be important for this center in the future. The review is positive and the Dean of the MSOM has been asked to begin a process of discussion and planning for the center's future direction.

7. Batchelor Children's Research Institute

The Batchelor Children's Research Institute is an important asset and serves as the home and nidus of the Department of Pediatrics research and translational mission. It has a longstanding positive impact at UM and its mission and long-term future are secure. It is known for far-reaching impact, interdisciplinary collaboration, and strong faculty. Review is positive.

8. Kessenich ALS Clinical Research Center

The Kessenich ALS Clinical Research Center is a highly interdisciplinary translational research center at UM. Faculty in Neurology form the basis of this center and they are productive and collaborative, with strong clinical trials and basic science discovery. Collaborations with the HHG, Radiology, Psychiatry among others give rise to funding from HH, FDA, DOD, and industry among others. The review is positive and the Center is recommended for continuation.

9. Diabetes Research Institute (DRI)

The DRI is highly successful and interdisciplinary in its basic science to multi-faceted treatment concepts. The research is clinically relevant and spans basic science discovery of the underlying biology of disease (and the basis of future treatment) across platforms including stem cells, islet transplantation, immunomodulation, RNA aptamers among others provide UM a world-class research institute. Currently there are at least five clinical trials ongoing that represent the best of "bench to bedside" translation. The review is positive and the Institute is recommended for continuation.

10. The Miami Project to Cure Paralysis

The "Miami Project" largely represents the highly successful research arm of the Department of Neurosurgery, and the faculty collaborations with other departments across UM like Pharmacology, Biomedical Engineering and others. The 200 members and a smaller subset of funded faculty make up a highly interdisciplinary team with a myriad of mechanisms used to support the mission of curing paralysis by understanding the mechanism of nervous system injury and repair. The MP secures funding from multiple sources, both federal and state, and supports many aspects of training, research career development, and patient trials. The review is positive and the MP is recommended for continuation.

11. Center for Family Studies

The Center for Family Studies was founded in 1972 and has had an impressive track record through the 1970's, and received WHO Center designation from 1983-1991. Identified faculty had funding through 2015. At the moment, it is reported that the only active program is the Brief Strategic Family Therapy which at one time was supervising treatment for 2,000 youth around the country. It is recommended that this Center be re-evaluated in one year and a recommendation made at that time.

*For Items 2 through 11, a motion was made, seconded, and the Provost's recommendations were unanimously approved.*

**CONSIDERATION OF A 5:00 P.M. MEETING OPENING TIME FOR SENATE MEETINGS HELD ON THE MILLER SCHOOL OF MEDICINE CAMPUS FOR A ONE-YEAR TRIAL**

The Chair pointed out that this item has been raised multiple times, but is being raised today for consultation based on discussion at the Retreat last spring. There are two Faculty Senate meetings per year held on the Medical School Campus. Discussion focused on the difficulty of clinicians to take time out from scheduled clinic time to attend meetings, and the need for

administration to make allowances for this time. It was pointed out that the *Faculty Manual* specifies that the Senate Chair sets the agenda after "appropriate consultation," which is what today's process constitutes.

*There was general consensus to hold the Faculty Senate meetings on the Medical Campus at 5:00 p.m. this academic year on a one-year trial basis to see if attendance improves with the later start time.*

### **# PROPOSAL TO DELINEATE THE PROCEDURES FOR FACULTY SENATE MEETINGS, AMENDING *FACULTY MANUAL* SECTION A10.5 AND ADDING SECTION B2.8**

Second Vice Chair JoNel Newman thanked former Faculty Senate Chair and Professor of Law Richard Williamson who was instrumental in drafting the proposal, and thanked both him and me for our work with her on this proposal. She pointed out that the *Faculty Manual* is basically silent on the process for conducting meetings, and this would help to delineate the process – in some places it spells out current practices, and in others it establishes practices. The next step is to draft procedures for the GWC. There was discussion of current and past practices, the need to follow certain portions of Roberts Rules of Order, the reasons why this is being raised, the importance of drafting procedures for the GWC that reinforce the definition that the GWC is a committee of the Senate, that agenda items can still come forward without the GWC's prior review, and the importance of members having trust in each other.

A friendly amendment was proposed and accepted to change the  $\frac{3}{4}$  required majority vote to bring an item to the floor to at  $\frac{2}{3}$  required majority vote.

*A motion was made, seconded, and the proposal was approved as amended by majority with 28 to approve, 4 to not approve, and 3 abstentions.*

### **# PROPOSAL TO AMEND THE *FACULTY MANUAL* SECTION C19.1, 19.2, AND 19.3 SECTION C19, FACULTY SENATE (AWARDS)**

Second Vice Chair JoNel Newman gave an overview of the awards process, noting that revisions to the *Faculty Manual* needed to be considered to include more aspects for deliberation for the nominees. Additionally, it offered an opportunity to streamline the entire section.

*A motion was made, seconded, and the proposal approved by majority with 1 abstention.*

### **# ELECTION OF PROPOSED MEMBERS FOR THE COMMITTEE ON PROFESSIONAL CONDUCT AND HEARING PANEL**

*A motion was made, seconded, and the approved by consensus to vote by a show of hands.*

*A motion was made, seconded, and both membership lists were approved unanimously.*

### **OTHER BUSINESS**

There was no other business.

## **ADJOURNMENT**

The meeting adjourned at 5:42 p.m.

Respectfully submitted,  
Robyn Hardeman  
Secretary of the Faculty Senate

Elected Senate Officers:  
Tomás Salerno, Chair;  
Linda Neider, First Vice Chair;  
JoNel Newman, Second Vice Chair

# Background materials included with hard-copy minutes.

# Consensus Agenda

## Item 1



# Proposal Submission Checklist

*Proposals are to be submitted to the Office of Assessment and Accreditation (OAA), if applicable, the Graduate Council (for graduate programs excluding Law and Medical), if applicable, and the Faculty Senate. Refer to the [Procedures for Program Changes](#) document for information on the approvals and notifications needed for program changes and the [Proposal Submissions Specifications](#) document for an explanation of the process and a list of the materials required.*

*(Please note that change approvals can take 2 semesters to complete.)*

*Include this checklist at the beginning of each proposal.*

*(Complete the information below, save the form as a pdf, and insert it with the background materials that are specified, in the order listed, and send the package electronically as noted above.)*

## KEY CONTACT PERSONNEL INFORMATION

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First Name

Last Name

Proponent's Title

Department, if applicable

School/College

E-mail

Phone

Title of Proposal

(-continue to next page-)

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## MANDATORY MEMORANDA AND FORMAT

*Please check that each item listed below is included in the proposal package of materials, in the ORDER as listed. The applicable title (i.e. Letter of Explanation, Memo from the Dean, etc. ) is to precede each section in the materials.*

*Only proposals conforming to this format will be accepted.*

### 1. This completed checklist.

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### 2. Letter of explanation. (2-3 pages only, double spaced, 12 pt font)

Yes      No

If no, explain why:

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### 3. A memo from the dean(s) signifying approval of the faculty of the relevant School(s) / Colleges(s).

Yes      No

If no, explain why:

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### 4. A memo that all affected or relevant School / College Council(s) have approved.

Yes      No

If no, explain why:

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**5. A memo from the department chair(s) signifying approval of the faculty of the relevant department(s).**

Yes      No

If no, explain why:

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**6. A memo from the Office of Accreditation and Assessment (OAA) if the proposal involves academic programs (degrees, certificates, majors, minors, concentrations, specializations, tracks, etc.) such as new programs, closing programs, or program changes (such as changes in requirements, program length, modality, name, location).**

*(To be submitted by OAA to the Graduate Council or the Faculty Senate, as appropriate.)*

Applicable      Not applicable.

If not, explain why:

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**7. A memo from the Graduate School Dean signifying approval of the Graduate Council (for graduate programs only).**

*(To be submitted to the Faculty Senate by the Graduate Council.)*

Applicable      Not applicable.

If not, explain why:

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8. Academic Deans Policy Council (ADPC) approval, for interdisciplinary issues and as appropriate. Please consult with the Dean of the Graduate School or the Secretary of the Faculty Senate to check if this is needed.

Yes      No

If no, explain why:

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9. Additional required documents as listed on the "Proposal Submissions Specifications," i.e. market analysis, budget information, assessment of library collections, etc. as specified.

List additional documents included:

Please click on the "Save Form" button below to save this form, then e-mail to [facsen@miami.edu](mailto:facsen@miami.edu).  
To print the form, click "Print Form."

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End form.





**Michael S. Gordon**  
**Center for Research in Medical Education**  
*Saving Lives Through Simulation Technology®*

February 5, 2018

Sanjoy Bhattacharya, Ph.D.  
Speaker, Medical School Council  
Leonard M. Miller School of Medicine  
University of Miami  
Miami, Florida 33136

Dear Dr. Bhattacharya,

I write to request the Medical School Council support changing the name of the University of Miami Miller School of Medicine Michael S. Gordon Center for Research in Medical Education (GCRME) to the University of Miami Miller School of Medicine Michael S. Gordon Center for Simulation and Innovation in Medical Education, which may be abbreviated University of Miami Miller School of Medicine Gordon Center for Simulation and Innovation in Medical Education (GCSIMed)

This name change is a result of careful and thoughtful deliberation between me, Dean Abraham and Dr. Gardner, the Executive Dean for Education and Policy. The new name restores the recognition of the center in its 50-year preeminent role as a pioneer in the development and dissemination of simulation in medical education (its original name was 'Medical Training and Simulation Laboratory'. During this time, the Gordon Center has created and implementation numerous innovations in the training and assessment of students and providers in a wide range of life-saving skills that are used at more than 2,000 institutions worldwide. This name change will assist the medical school in the promotion of Gordon Center activities that will lead to enhancements in sustained funding sources.

This is a name change only and does not alter the mission, structure, or programs of the Center which have been previously reviewed and approved.

I would appreciate your consideration of this request. Please feel free to contact me should you have any questions or need additional information.

Sincerely,

S. Barry Issenberg, MD  
Professor of Medicine and Michael Gordon Professor of Medical Education  
Senior Associate Dean for Research in Medical Education  
Director, Gordon Center for Research in Medical Education



UNIVERSITY OF MIAMI  
MILLER SCHOOL  
of MEDICINE



UNIVERSITY OF MIAMI  
MILLER SCHOOL  
of MEDICINE

**University of Miami Miller School of Medicine  
Office of the Dean and Chief Academic Office**

August 21, 2018

Tomas Salerno, M.D.  
Chair, Faculty Senate  
University of Miami  
Ashe Building, Suite #325  
252 Memorial Drive  
Coral Gables, FL 33146

*Re: Dean of the Miller School of Medicine Approval a Proposal for a Name Change for the University of Miami Miller School of Medicine Michael S. Gordon Center for Research in Medical Education (GCRME) to the University of Miami Miller School of Medicine Michael S. Gordon Center for Simulation and Innovation in Medical Education (GCSIMed).*

Dear Dr. Tomas Salerno,

This is to inform the Faculty Senate that the Dean and Chief Academic Officer of the University of Miami Miller School of Medicine approves the Proposal for a Name Change for the Michael S. Gordon Center for Research in Medical Education (GCRME).

Respectfully submitted

A handwritten signature in black ink, appearing to read 'Henri R. Ford'.

Henri R. Ford, MD, MHA  
Dean and Chief Academic Officer  
University of Miami Miller School of Medicine  
Don Soffer Clinical Research Center, Suite 360  
1120 NW 14 St  
Miami, FL 33136  
(305) 243-9678



UNIVERSITY OF MIAMI  
**MILLER SCHOOL**  
**of MEDICINE**

February 28, 2018

Tomas Salerno, M.D.  
Chair, Faculty Senate  
University of Miami  
Ashe Building, Suite #325  
252 Memorial Drive  
Coral Gables, FL 33146

*Re: Council Approved a Proposal for a Name Change for the University of Miami Miller School of Medicine Michael S. Gordon Center for Research in Medical Education (GCRME) to the University of Miami Miller School of Medicine Michael S. Gordon Center for Simulation and Innovation in Medical Education (GCSIMed)*

Dear Dr. Tomas Salerno,

This is to inform the Faculty Senate that the Medical School Faculty Council met on February 27<sup>th</sup>, 2018 to review the Proposal for a Name Change for the Michael S. Gordon Center for Research in Medical Education (GCRME).

The council members voted to *approve* the proposal.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Sanjoy K. Bhattacharya', written over a horizontal line.

Sanjoy K. Bhattacharya, M. Tech, Ph.D.  
Speaker, Medical Faculty Council



UNIVERSITY OF MIAMI  
MILLER SCHOOL  
of MEDICINE

August 21, 2018

Tomas Salerno, M.D.  
Chair, Faculty Senate  
University of Miami  
Ashe Building, Suite #325  
252 Memorial Drive  
Coral Gables, FL 33146

**RE: Departmental Approval a Proposal for a Name Change for the University of Miami Miller School of Medicine Michael S. Gordon Center for Research in Medical Education (GCRME) to the University of Miami Miller School of Medicine Michael S. Gordon Center for Simulation and Innovation in Medical Education (GCS/Med)**

Dear Dr. Salerno,

This is to inform the Faculty Senate that the Department of Medicine faculty approves the Proposal for a Name Change for the Michael S. Gordon Center for Research in Medical Education (GCRME).

Sincerely,

A handwritten signature in blue ink that reads 'Roy E. Weiss MD'.

Roy E. Weiss, MD, PhD  
Professor of Medicine  
Chair, Department of Medicine  
Kathleen & Stanley Glaser Distinguished Chair in Medicine  
Rabbi Morris I. Esformes Endowed Chair in Medicine and Endocrinology  
University of Miami Miller School of Medicine

# Consensus Agenda

## Item 2



*Proposals are to be submitted in the following order as applicable: to the Office of Assessment and Accreditation (OAA), for academic programs (allow 2 weeks for a response), the Graduate Council (for graduate programs excluding Law and Medical) (allow 1 week for response), if applicable, and the Faculty Senate.*

*Refer to the Graduate Council's Procedures for Program Changes document for information on the approvals and notifications needed for Graduate program changes and the Proposal Submissions Specifications document for an explanation of the process and a list of the materials required.*

*(Please note that change approvals can take 2 semesters to complete.)*

*Include this checklist at the beginning of each proposal.*

*(Complete the information below, save the form as a pdf, and insert it with the background materials that are specified, in the order listed, and send the package in 1-pdf document electronically as noted above.)*

## KEY CONTACT PERSONNEL INFORMATION

First Name

Merike

Last Name

Blofield

Proponent's Title

Associate Professor

Department, if applicable

Women's and Gender Studies

School/College

Arts and Sciences

E-mail

m.blofield@miami.edu

Phone

2058511560

Title of Proposal

Proposal to change the name of the Women's and Gender Studies undergraduate major and minor in the College of Arts and Sciences to the Gender and Sexuality Studies undergraduate major and minor.

(-continue to next page-)

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## MANDATORY MEMORANDA AND FORMAT

Please check that each item listed below is included in the proposal package of materials. The applicable title (i.e. Letter of Explanation, Memo from the Dean, etc. ) must precede each section in the materials.

Only proposals conforming to this format will be accepted.

### 1. This completed checklist.

---

### 2. Letter of explanation. (2-3 pages only, double spaced, 12 pt font)

Yes     No

If no, explain why.

---

### 3. A memo from the Dean(s) 1) signifying approval and, 2) signifying approval of the faculty of the relevant School(s) / Colleges(s).

Yes     No

If no, explain why.

---

### 4. A memo that all affected or relevant School / College Council(s) have approved.

Yes     No

If no, explain why.

---

**5. A memo from the department chair(s) signifying approval of the faculty of the relevant department(s).**

Yes     No

If no, explain why.

The inter-disciplinary WGS is run by a Director with a steering committee, which unanimously initiated and supported the name change.

**6. A memo from the Office of Accreditation and Assessment (OAA) if the proposal involves academic programs (degrees, certificates, majors, minors, concentrations, specializations, tracks, etc.) such as new programs, closing programs, or program changes (such as changes in requirements, program length, modality, name, location).**

*(To be submitted by OAA to the Graduate Council or the Faculty Senate, as appropriate.)*

Applicable     Not applicable.

If not, explain why.

**7. A memo from the Graduate School Dean signifying approval of the Graduate Council (for graduate programs only, excluding Law and Medical).**

*(To be submitted to the Faculty Senate by the Graduate Council.)*

Applicable     Not applicable.

If not, explain why.

WGS is only an undergraduate program.

**8. Academic Deans Policy Council (ADPC) approval, for interdisciplinary issues and as appropriate. Please consult with the Dean of the Graduate School or the Secretary of the Faculty Senate to check if this is needed prior to submission.**

Yes     No



If no, explain why.

This is not needed.

---

**9. Additional required documents as listed on the "[Proposal Submissions Specifications](#)," i.e. market analysis, budget information, assessment of library collections, etc. as specified.**

List additional documents included.

---

End form.

## Letter of explanation for WGS name change

### Changing the program name from Women's and Gender Studies to Gender and Sexuality

#### Studies:

There are two components to the name change: first, taking out "women" from the title; and second, adding "sexuality" to the title. I address both in turn. Overall, there are multiple benefits to re-naming the Women's and Gender Studies Program the Gender and Sexuality Studies program.

On the first issue, eliminating "women" and keeping "gender" in the title is more inclusive and a better reflection of the academic content of the program. In fact, having women in the title is both redundant and exclusive. Both women \*and\* men have a gender, and referring only to women in the program title is an inaccurate reflection of the thematic content of the program. It also sends the message that courses in this program are meant only or preferably for women, and that men may not be welcome.

In the words of our Core WGS Senior Lecturer, and expert in gender studies, Dr. Porter, one the usefulness of the name change to both reflect content and signal to potential interested students: "Psychologists like Janet Shibley Hyde (2005) have shown that people who integrate the qualities of both men and women are more successful in their careers and in their family lives. The name Gender Studies better reflects the program's gender-integrated pedagogy and research. Along with providing students with education that promotes their future success, gender studies courses are unique places for students of all genders to recognize not just what

they have in common, but distinctive things about each other's lived experiences; this can help dispel negative ideas about gender. The name "Gender Studies" better communicates to students that all of us have a gender, not just women. This is beneficial to male students, as well as to all genders. To study research and engage in comfortable classroom discussions on the lived experiences of all genders benefits gives students the ability to be astute thinkers and empathic citizens. Currently in our society, there is a critical need for people of all genders to have positive experiences learning from one another. To re-name the program Gender studies courses encourages the courses to be perceived as a place where all students can feel comfortable as learners."

On the second issue, adding ""sexuality" to the title, sexuality studies is its own research area, which overlaps but is not synonymous with gender studies. WGS currently offers courses that focus on or include sexuality studies, and therefore it should be included in the title. We house the LGBTQ Studies minor, which specifically focuses on sexuality studies. Thus, to best reflect program context, sexuality should be in the title.

When Women's and Gender Studies programs were created across university campuses, often in the 1970s, they were referred to as Women's Studies programs. Later, gender was added to reflect the evolving content of these programs. Now, many of our aspirational peer institutions have reformed their programs further, in line with what we propose here. For example, New York University, Tulane University, and the University of Southern California have gender and sexuality studies programs.


UNIVERSITY OF MIAMI  
**COLLEGE of**  
**ARTS & SCIENCES**



Office of the Dean  
1252 Memorial Drive, Suite 227  
Coral Gables, Florida 33146

Phone: 305-284-4117  
Fax: 305-284-5637  
as.miami.edu

To: Tomas Salerno  
Chair, Faculty Senate

From: Leonidas Bachas  
Dean, College of Arts and Sciences 

Subject: Proposal to change the name of "Women's and Gender Studies" to  
"Gender and Sexuality Studies"

Date: May 18, 2018

Dear Tom,

I am writing to express my full support of the Proposal to change the name of Women's and Gender Studies to Gender and Sexuality Studies. On April 2, 2018, the Faculty of the College of Arts and Sciences voted in favor of this name change. I am forwarding the proposal to the Senate for action.

For your convenience, attached you will find a copy of the proposal. If you have any questions, please feel free to contact me.


LGB/rkg



**MEMORANDUM**

**DATE:** August 29, 2018

**TO:** Merike Blofield, Associate Professor  
College of Arts and Sciences

**FROM:** Patty Murphy, Executive Director  
Office of Assessment and Accreditation 

**RE:** Name Change for the Women's and Gender Studies Program

On August 28, 2018, the College of Arts and Sciences notified my office of its intent to rename the interdisciplinary program in Women's and Gender Studies to Gender and Sexuality Studies. The proposal will also involve changing the name of the undergraduate major (academic plan code: WGST\_AB) and minor (academic plan code: WGST\_MN) in Women's and Gender Studies to Gender and Sexuality Studies.

The proposed changes will be effective as of the Fall 2019 term. Current majors and minors will be able to complete their programs under the current name. As of Fall 2019, any student who declares a new major or minor will utilize the new name. The acronym for the program (course subject area) will also change from "WGS" to "GSS" effective Fall 2019.

The proposed name change does not "represent a significant departure, either in content or method of delivery" from what we are currently approved by SACSCOC to offer due to the following:

- The proposed change does not affect the program length, degree requirements, or curriculum of the major or minor.
- No new courses will be offered as a result of the proposed change, just a change in the course subject acronym.
- No new faculty will be hired as a result of the proposed change.
- The majority of the program will not be offered via distance education and, in any case, the University is approved to offer 100% distance education programs.
- The programs will continue to be offered on the University's Coral Gables campus.

SACSCOC only requires notification of program changes that represent a significant departure from our current programs. Therefore, no notification or approval is required for this change.

Please contact me if you have any questions at [pattymurphy@miami.edu](mailto:pattymurphy@miami.edu) or (305) 284-3276.

**Item #4:**

The following entities have debated and approved the WGS name change proposal:

1. Fall 2017: WGS Steering Committee (unanimous initiation and approval)
2. Feb 2018: CAS Curriculum Committee approval, with three abstentions
3. Feb 2018: CAS College Council approval for debate at CAS-wide faculty meeting, unanimous
4. April 2018: CAS Faculty approval, 32 in favor, 4 opposed, and 1 abstention

Item B2



# Proposal Submission Checklist

*Proposals are to be submitted to the Office of Assessment and Accreditation (OAA), if applicable, the Graduate Council (for graduate programs excluding Law and Medical), if applicable, and the Faculty Senate. Refer to the Procedures for Program Changes document for information on the approvals and notifications needed for program changes and the Proposal Submissions Specifications document for an explanation of the process and a list of the materials required.*

*(Please note that change approvals can take 2 semesters to complete.)*

*Include this checklist at the beginning of each proposal.  
(Complete the information below, save the form as a pdf, and insert it with the background materials that are specified, in the order listed, and send the package electronically as noted above.)*

## KEY CONTACT PERSONNEL INFORMATION

---

First Name

Last Name

Proponent's Title

Department, if applicable

School/College

E-mail

Phone

Title of Proposal

(-continue to next page-)



## MANDATORY MEMORANDA AND FORMAT

*Please check that each item listed below is included in the proposal package of materials, in the ORDER as listed. The applicable title (i.e. Letter of Explanation, Memo from the Dean, etc. ) is to precede each section in the materials.*

*Only proposals conforming to this format will be accepted.*

### 1. This completed checklist.

---

### 2. Letter of explanation. (2-3 pages only, double spaced, 12 pt font)

Yes      No

If no, explain why.

---

### 3. A memo from the dean(s) signifying approval of the faculty of the relevant School(s) / Colleges(s).

Yes      No

If no, explain why.

---

### 4. A memo that all affected or relevant School / College Council(s) have approved.

Yes      No

If no, explain why.

---

**5. A memo from the department chair(s) signifying approval of the faculty of the relevant department(s).**

Yes      No

If no, explain why.

---

**6. A memo from the Office of Accreditation and Assessment (OAA) if the proposal involves academic programs (degrees, certificates, majors, minors, concentrations, specializations, tracks, etc.) such as new programs, closing programs, or program changes (such as changes in requirements, program length, modality, name, location).**

*(To be submitted by OAA to the Graduate Council or the Faculty Senate, as appropriate.)*

Applicable      Not applicable.

If not, explain why.

---

**7. A memo from the Graduate School Dean signifying approval of the Graduate Council (for graduate programs only).**

*(To be submitted to the Faculty Senate by the Graduate Council.)*

Applicable      Not applicable.

If not, explain why.

---

**8. Academic Deans Policy Council (ADPC) approval, for interdisciplinary issues and as appropriate. Please consult with the Dean of the Graduate School or the Secretary of the Faculty Senate to check if this is needed.**

Yes      No

If no, explain why.

---

**9. Additional required documents as listed on the "Proposal Submissions Specifications," i.e. market analysis, budget information, assessment of library collections, etc. as specified.**

List additional documents included.

---

End form.

**Department of Mathematics**

**Proposal to Create a Dual Degree, Five-Year Bachelor of Science in Mathematics/**

**Master of Science in Mathematical Finance Degree Program**

Prepared by: Alexander Dvorsky (Director – MSMF Program, Department of Mathematics)

Responsible administrative unit for the program:

Department of Mathematics

College of Arts and Sciences

Proposed date for implementation: Summer 2019

The goal of the dual BS/MSMF degree is to provide a tightly integrated program which will allow undergraduate students (mainly in the Probability/Statistics track of the Mathematics major) to continue as MS students in the Mathematical Finance (MSMF degree) and complete their dual degree within a reduced timeframe of 5 years. Students will learn the mathematical and computational foundations of quantitative finance, improve their written and oral presentation skills, and receive the professional training necessary to advance their careers.


**MEMO OF SUPPORT FROM THE COLLEGE OF ARTS & SCIENCES**

UNIVERSITY OF MIAMI  
**COLLEGE of  
ARTS & SCIENCES**



**Office of the Dean** 1252 Memorial Drive Ph: 305-284-4117  
Ashe Building, Suite 227 Fax: 305-284-5637  
Coral Gables, Florida 33146 as.miami.edu

To: Tomas Salerno  
Chair, Faculty Senate

From: Leonidas Bachas   
Dean, College of Arts and Sciences

Subject: New Degree Program:  
5-year BS in Mathematics and MS in Mathematical Finance

Date: April 3, 2018

Dear Tom,

I am writing to express my full support of the proposal for a new 5-year Bachelor of Science in Mathematics and Master of Science in Mathematical Finance (MSMF). On April 3, 2018, the faculty of the College of Arts and Sciences unanimously voted in favor of this program, offered by the Mathematics, which will encourage the growth of our successful MSMF professional master's degree program. I am now forwarding the proposal to the Senate for action.

For your convenience, attached you will find a copy of the proposal. If you have any questions, please feel free to contact me.

LGB/mtt

## MEMO OF SUPPORT FROM THE DEPARTMENT OF MATHEMATICS

UNIVERSITY OF MIAMI  
COLLEGE of  
ARTS & SCIENCES



Department of Mathematics      Phone: 305-284-2575  
P.O. Box 249085                      Fax: 305-284-2848  
Coral Gables, FL 33124-4250      math@math.miami.edu

### MEMORANDUM

TO: Leonidas Bachas, Dean  
College of Arts and Sciences

TO: Guillermo Prado, Dean  
Graduate School

TO: Maria Stampino, Senior Associate Dean  
College of Arts and Sciences

TO: Geoff Sutcliffe, Chair  
CAS Curriculum Committee

FROM: Robert Stephen Cantrell, Chair  
Department of Mathematics

RSC

DATE: February 28, 2018

REF: 5 Year B.S./M.S.M.F. Degree Option

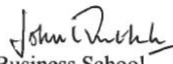
This memorandum is to express my strong support for the creation of a dual degree, 5 year Bachelor of Science/Master of Science in Mathematical Finance option. The M.S.M. F. program is now an integral part of our curriculum. Expanding the program in this way was initiated by the Steering Committee of the MSMF Program and was approved by the Department of Mathematics by a vote of 21-1 October 24, 2017 following extensive discussion. The new option is designed to enhance academic and career opportunities for the large number of our undergraduate majors interested in probability and finance.

**MEMO OF SUPPORT FROM THE DEAN OF THE MIAMI BUSINESS SCHOOL**



MEMORANDUM

TO: General Welfare Committee  
Faculty Senate

FROM: John Quelch   
Dean, Miami Business School

Subject: Support for BS/MS in Mathematical Finance Collaboration

Date: March 2, 2018

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On behalf of the University of Miami Business School, I am pleased to write in support of a collaboration with the BS/MS in Mathematical Finance (BS/MSMF) through the Department of Mathematics at the College of Arts and Sciences. Core and elective graduate courses within the Miami Business School's Finance department will be available to the BS/MSMF students.

**MEMO OF SUPPORT FROM THE FINANCE DEPARTMENT OF THE MIAMI BUSINESS SCHOOL**

**UNIVERSITY  
OF MIAMI**



**Alok Kumar**  
Department Chair and  
Gabelli Asset Management  
Professor of Finance

Department of Finance  
514-E Jenkins  
5250 University Drive  
Coral Gables, Florida 33124-6552

Ph: 305-284-1882  
Dept: 305-284-4362  
Fax: 305-284-4800  
akumar@miami.edu

September 5, 2018

To: Robert Stephen Cantrell, Chair  
Department of Mathematics  
College of Arts & Sciences

From: Alok Kumar, Chair  
Department of Finance  
Miami Business School

This letter confirms the Finance Department's support for the College of Arts & Sciences' proposal to create a 5-year BS/MS in Mathematical Finance. The faculty is fully committed to continuing our partnership with the Department of Mathematics and the Master of Science in Mathematical Finance program. The Department of Finance is glad to offer courses to support this program.

Regards,

Dr. Alok Kumar  
Chairperson  
Department of Finance



## MEMO OF APPROVAL FROM THE OFFICE OF ACCREDITATION AND ASSESSMENT

UNIVERSITY  
OF MIAMI



Assessment and Accreditation  
Gables One Tower 1320 S. Dixie Hwy.  
Coral Gables, Florida 33146

Phone: 305-284-5120  
Fax: 305-284-4929  
oaa.miami.edu

### MEMORANDUM

**DATE:** March 2, 2018

**TO:** Alexander Dvorsky, Director, MSMF Program  
College of Arts and Sciences

**FROM:** Patty Murphy, Executive Director  
Office of Assessment and Accreditation *PM*

**RE:** New BS/MSMF 5-Year Dual Degree

On February 26, 2018, the College of Arts and Sciences notified my office of its intent to offer a new five-year, Bachelor of Science (BS) in Mathematics and Master of Science in Mathematical Finance (MSMF) dual degree program effective Summer 2019. The proposed dual degree program involves two existing programs (academic plan codes: MATH6\_BS and MATH\_MSFM). The proposed program will reduce the time it would take for a student to earn both degrees by half a year because it is more integrated and focused in nature.

The current BS in Mathematics program (Probability and Statistics track) requires successful completion of 120 credit hours. This will remain the same for the proposed dual degree program. The current MSMF program requires successful completion of 34 credit hours (22 credit hours of core courses and 12 credit hours of electives). This will be reduced to 30 credit hours in the proposed dual degree program which includes 19 credit hours of course courses, 5 credit hours of electives, and 6 credit hours for a required master's thesis or research project. The total credit hours for both degrees can be reduced based on the overlap in course content within the Probability and Statistics track and the MSMF curriculum (such as Statistical Analysis and Introduction to Mathematical Finance).

The proposed new program does not "represent a significant departure, either in content or method of delivery" from what we are currently approved by SACSCOC to offer due to the following:

- The proposed dual degree program meets the SACSCOC requirement of a minimum of 120 credit hours for a bachelor's degree program and 30 credit hours for a graduate program.
- The proposed dual degree program is a repackaging of existing courses. No new courses are being added.
- The proposed dual degree program will be supported by current qualified faculty.
- The proposed dual degree program will be coordinated by a qualified faculty member, Dr. Alexander Dvorsky (PhD, Mathematics).
- The University is currently approved to offer both of the programs included in the proposed dual degree program.
- The majority of the proposed dual degree program will not be offered via distance education and, in any case, the University is approved to offer 100% distance education programs.


**MEMO OF SUPPORT FROM THE GRADUATE SCHOOL**

UNIVERSITY OF MIAMI  
**GRADUATE SCHOOL**



1252 Memorial Drive  
P.O. Box 248125  
Coral Gables, FL 33124-4629  
Phone: 305-284-4154  
Fax: 305-284-5441  
graduateschool@miami.edu

**MEMORANDUM**

DATE: April 24, 2018  
TO: Tomas Salerno  
Chair, Faculty Senate  
FROM: Guillermo (Willy) Prado   
Dean, The Graduate School  
SUBJECT: Proposal – BS/MSMF 5-Year Dual Degree

---

The College of Arts and Sciences submitted a proposal for a 5-year BS in Mathematics and MS in Mathematical Finance dual degree program. The proposal was discussed at the meeting of the Graduate Council on Tuesday, April 17, 2018, and was approved by those present.

cc: Leonidas Bachas, Dean, College of Arts and Sciences  
Alexander Dvorsky, Director, MSMF Program  
Office of Assessment and Accreditation

## **1. RATIONALE**

### a. Exact Degree Title.

The Department of Mathematics seeks to offer a five-year dual degree that combines a Bachelor of Science (BS) degree in Mathematics with a Master of Science degree in Mathematical Finance (MSMF). It will be titled the Five-year BS/MSMF Degree.

### b. Purpose and goals of the dual degree.

The goal of the dual BS/MSMF degree is to provide a tightly integrated program which will allow undergraduate students (mainly in the Probability/Statistics track of the Mathematics major) to continue as MS students in the Mathematical Finance (MSMF degree) and complete their dual degree within a reduced timeframe of 5 years. Students will learn the mathematical and computational foundations of quantitative finance, improve their written and oral presentation skills, and receive the professional training necessary to advance their careers.

This program will be a revenue-generating Master's program. The Master's year will require at least 30 credits of tuition payment. Tuition funds returned to the department will defray costs of the BS/MSMF program and contribute to support of our Ph.D. program.

### c. Motivation and Demand

For undergraduate students seeking careers in the fields of economics, finance and data science, the BS/MSMF degree offers the appropriate training sought by companies worldwide. Students can achieve the required academic credentials in 0.5 years less time due to the integrated and focused nature of the BS/MSMF degree.

## **2. CURRICULUM**

### a. List the major division or divisions of the discipline in which graduate degree work will be offered.

The degree will be offered by the Department of Mathematics. The final research project must be with a faculty member in Mathematics.

### b. Provide a detailed description of the proposed program.

The BS/MSMF program is a five-year program combining the Probability/Statistics track of the Mathematics undergraduate major with the graduate coursework required for the MSMF (MS in Mathematical Finance) degree.

Students will have access to MTH 500 level courses as seniors and to MTH and FIN 600 level courses as Masters students.

### **3. REQUIREMENTS**

#### a. Prerequisites.

Students must be enrolled as an undergraduate in the University of Miami. All requirements for the BS in Mathematics degree must be completed by the end of their senior year.

#### b. Courses.

The BS degree requires a total of 120 credits. Eleven MTH courses are required to complete the Probability and Statistics track of the Mathematics major: MTH 161 or 171, MTH 162 or 172, MTH 210, MTH 230, MTH 310, MTH 461, MTH 433, MTH 224, MTH 524, MTH 525, MTH 542. Additional two courses will be required for BS/MSMF students: MTH 311 and MTH 547. Also some coursework in computer science (CSC 210) is strongly recommended.

In the MSMF year, students must take 30 credits over the course of the Fall, Spring and Summer semesters. Required courses (19 credits) are MTH 645, MTH 649, MTH 643, MTH 648, MTH 613, FIN 650, FIN 651. In addition, the students will take at least one elective MTH course and one elective FIN course, and complete summer research project (6 credits).

#### c. Examinations.

At the end of the MSMF year, students will present their research project. Conferral of the MS degree is subject to the committee's approval of the project.

#### d. Additional Coursework.

During the MS year, additional course work must be approved by the student's committee.

e. Degree Track. The program will not be divided into tracks.

f. Proposed schedule of course offerings for the Five-year degree program. A proposal plan of study is listed below.

### **4. STUDENTS**

#### a. Estimate the number of students in the program and the pool from which they will come.

We anticipate that at the onset of the program 2-3 students will be enrolled. However, once the program is fully established, BS/MSMF program will admit up to 6 students each year.

#### b. Describe requirements for admission to and retention in each degree.

The acceptability of candidates will be judged by the MSMF Admission Committee. A minimum of 3.2 GPA will be required for admission. Students will generally be admitted in the middle of their junior

year. Each student will be assigned a two-member committee of graduate faculty, who will monitor status and progress.

## **5. ADMINISTRATION**

### **a. Estimate the administrative increments imposed by this program.**

#### *i. Need for additional salary support*

- Part time support for departmental administrative activities

#### *ii. Need for additional office equipment and supplies.*

- None expected

#### *iii. Need for additional travel, publication costs and other funds.*

- Some students may be expected to travel to professional meetings to present their work.

**b. Budget.** The program is designed to be self-supporting through those tuition revenues returned to the department. No additional facility demands or new library collections are anticipated.

## **Five-Year Bachelor of Science in Mathematics/MS in Mathematical Finance Degree**

### **Sample Plan of Study A:**

#### **BS in Mathematics (120 credits)**

##### **Year 1**

Fall (16 credits): MTH 161 (4), ENG 105 (3), other (9)

Spring (16 credits): MTH 162 (4), ENG 106 (3), other (9)

##### **Year 2**

Fall (15 credits): MTH 210 (3), MTH 224 (3), other (9)

Spring (15 credits): MTH 230 (3), MTH 310 (3), other (9)

##### **Year 3**

Fall (15 credits): MTH 542 (3), MTH 433 (3), other (9)

Spring (15 credits): MTH 311 (3), MTH 461 (3), other (9)

##### **Year 4**

Fall (15 credits): MTH 524 (3), MTH 547 (3), other (9)

Spring (13 credits): MTH 525 (3), MTH 320 (3, recommended), other (7)

##### **Year 5 (MSMF)**

Fall (11 credits): MTH 645 (3), MTH 649 (3), MTH 613 (3), FIN 650 (2)

Spring (13 credits): MTH 643 (3), MTH 648 (3), MTH/CSC elective (3), FIN 651 (2), FIN elective (2)

Summer A (6 credits): MSMF Thesis/Project (6)

**Sample Plan of Study B (for students entering with Calculus I and II credits):**

**BS in Mathematics (120 credits)**

**Year 1**

Fall (15 credits): MTH 210 (3), ENG 105 (3), other (9)

Spring (15 credits): MTH 224 (3), ENG 106 (3), other (9)

**Year 2**

Fall (15 credits): MTH 310 (3), MTH 311 (3), other (9)

Spring (15 credits): MTH 230 (3), MTH 320 (3, recommended), other (9)

**Year 3**

Fall (15 credits): MTH 524 (3), MTH 433 (3), other (9)

Spring (15 credits): MTH 525 (3), other (12)

**Year 4**

Fall (15 credits): MTH 542 (3), MTH 547 (3), other (9)

Spring (15 credits): MTH 461 (3), other (12)

**Year 5 (MSMF)**

Fall (11 credits): MTH 645 (3), MTH 649 (3), MTH 613 (3), FIN 650 (2)

Spring (13 credits): MTH 643 (3), MTH 648 (3), MTH/CSC elective (3), FIN 651 (2), FIN elective (2)

Summer A (6 credits): MSMF Thesis/Project (6)