### Graduate Council Meeting Wednesday, September 21, 2022 3:30 p.m.

(The Bylaws prohibit representation by proxy.)

#### **AGENDA**

# I. Reading, Correction and Approval of Minutes (August 24, 2022)

#### II. Graduate Council Committee Reports

- A. Appeals Committee Committee Report (Ed Kellough)
- B. Program Committee Committee Report (Jill Anderson)
  - <u>Action Item</u>: From the School of Law and the College of Family and Consumer Sciences, a proposal to create a new Juris Doctor/Master of Science in Financial Planning dual degree program, pending an updated fall 2023 start date.
  - <u>Action Item</u>: From the College of Pharmacy, a proposal to create a new Graduate Certificate in Drug Safety and Pharmacovigilance.
  - <u>Action Item</u>: From the College of Pharmacy, a proposal to create a new Graduate Certificate in Chemistry, Manufacturing & Controls.
  - <u>Action Item</u>: From the College of Public Health, a proposal to create an online version of the already existing Master of Public Health (MPH) degree program.
- C. Policy and Planning Committee Committee Report (David Peterson)

#### III. Old Business

A. No old business.

#### IV. New Business

A. Preliminary data on GradFIRST.

#### V. Information Items

- A. Curriculum Report: The Graduate School has approved 28 new courses, 19 course revisions, and 0 deletions.
- B. Next meeting: Wednesday, October 12, 3:30pm, 327 Brooks Hall/Zoom.

#### VI. Adjourn



June 15, 2022

School of Law

Office of Admissions 225 Herty Drive Athens, Georgia 30602-6012

TEL 706-542-7060 | FAX 706-542-5556 www.law.uga.edu

Dr. Ron Walcott Dean, Graduate School Vice Provost for Graduate Education Dean's Office, Brooks Hall Athens, GA 30602

VIA CAMPUS MAIL

Dear Dean Walcott:

Enclosed please find the proposal for a Juris Doctor/Master of Science in Financial Planning degree. This proposal has been reviewed and signed by the Interim Dean of the College of Family and Consumer Sciences and the Dean of the Law School. Both schools have worked together over the past few months to put this proposal together, and we look forward to its final approval.

I am happy to answer any questions you may have, or direct them to Dr. Chatterjee with the Department of Financial Planning, Housing, & Consumer Economics if appropriate. Once you have signed it, please let me know.

Very Truly Yours,

Shannon Hinson

Associate Director of Admissions Director of Dual Degree Programs

School of Law

706-542-5245

Cc: Associate Dean Kent Barnett, School of Law Dr. Swan Chatterjee, Department Head, Financial Planning, Housing, & Consumer Economics

#### **University of Georgia**

## Proposed Juris Doctor (JD)/Master of Science in Financial Planning (MS Financial Planning)

1. <u>institution:</u> University of Georgia	
2. <u>Date:</u> 5/17/202	
3. Schools/Colleges: School of Law and College of Family	and Consumer Sciences
4. <u>Degrees:</u> Juris Doctor and Master of Science Financia	Planning
5. Start Date: Fall 2022	
6. Signatures of Deans:	
Sheri Worthy	5/17/22 Date
Interim Dean, College of Family and Consumer Sciences	6/2/2
Peter B. Rutledge	Date
Dean, School of Law	
Ron Walcott	Date

#### 7. Program abstract:

Dean, Graduate School

Institution, University of Coordin

The MS Financial Planning degree is a 30 credit hour Masters Program that provides students with knowledge, skills, and technical expertise to enter the marketplace as an advanced financial planner or financial counselor.

The Juris Doctor degree uses a combination of classroom instruction and clinical or externship placements to prepare students for professional licensing leading to the practice of law or for careers in which legal training offers an advantage.

A student would ordinarily require four years to complete both degrees, three for the JD and one for the MS Financial Planning. However, the MS Financial Planning program provides some training in law, and both include electives that allow students to explore particular interests. This proposal takes advantage of the partial subject matter overlap and the flexibility provided by elective courses to allow completion of both degrees in

three years. Graduates are eligible to sit for both the Bar exam in any US Jurisdiction and the CFP certification exam, AFC certification, or CRC certification.

This proposal follows the model presented by the existing Masters of Accountancy (MAcc)/MS Financial Planning Dual Degree (2 years), and the JD/MAcc Dual Degree (3 years).

Very few universities offer a Dual JD/Masters in Financial Planning Program or its equivalent. Texas Tech University is perhaps the only one with a Dual Degree program. There are some universities that offer a JD/Graduate Certificate in Financial Planning or Personal Planning, but very few are geographically close to Georgia, the closest being at the University of Miami. This program would be unique among law schools, particularly in the Southeast.

- 8. Admissions: Students must be accepted for both the Financial Planning, Housing, and Consumer Economics (M.S. Non-Thesis) and the Juris Doctor (J.D.) programs based on the individual programs' admissions criteria to be accepted into the joint dual degree program. The admissions criteria for the programs are described below:
  - a. Financial Planning, Housing, and Consumer Economics (M.S. Non-Thesis):
    - i. We seek applicants with a 3.0 or higher undergraduate GPA (3.5 for graduate coursework). The applicants must submit their GRE or GMAT scores, a Statement of Purpose, a resume, and 2 letters of recommendation. The entire application package of the student is reviewed before a decision is made.

#### b. Juris Doctor (J.D.):

 The School of Law Admissions Committee will consider an applicant's test scores, undergraduate GPA, letters of recommendation, and other application materials holistically as required by the Admissions Committee's approved admissions methodology.

#### 9. Objectives of the program:

This program seeks to produce graduates with an interdisciplinary skill set, capable of both practicing law and providing personal financial guidance. Graduates of this program will be better prepared for a range of career options, from estate planning, managing assets, or providing more robust services to clients already within their legal practice. During their time at UGA, dual degree students will acquire an interdisciplinary perspective that will enrich the learning environment for other students at the Law School and the College of Family and Consumer Sciences. Additionally, this program will:

- Foster further collaborative efforts between the School of Law and the College of Family and Consumer Sciences;
- b. Improve the competitive stance of both schools to attract students interested in pursuing a career in the areas of trusts and estates, family law,

and elder law, among other fields;

c. Give the University of Georgia a competitive edge due to the limited availability of this type of program nationally and regionally.

#### 10. Justification and need for the program:

The three-year JD/MS Financial Planning Dual Degree would benefit both the School of Law and the College of Family and Consumer Sciences by attracting interested students to the University. While the numbers in the program are not likely to be large, at least initially, there is a demand for dual degree opportunities among students seeking a JD as a means of maximizing their return on investment and minimizing the time they are in school and out of the work force. A graduate equipped with a JD and a Masters in Financial Planning would be well-equipped to provide comprehensive services to clients and therefore be attractive to candidates seeking employment in overlapping legal and personal financial capacities.

#### 11. Program development:

Directors and faculty of the MS in Financial Planning program approached the School of Law in Fall of 2021. Dr. Swarn Chatterjee, Dr. Ronald Alan Sages, and Dr. John Grable from CFAS met with School of Law Associate Dean of Academic Affairs Kent Barnett and Director of Dual Degree Programs Shannon Hinson to discuss the potential benefits of the program, logistics of the curriculum, and methods of advising students to ensure success.

Administrators and faculties of the School of Law and College of Family and Consumer Sciences have discussed this program and refined the curriculum to ensure that students will receive the best possible experience and instruction. Both schools are supportive of the program and believe it will enhance their existing programs while providing an additional inter-disciplinary degree option at the University.

#### 12. Curriculum:

The total credit hours for a three-year JD/MS Financial Planning degree will be 109 credit hours, as follows:

- 79 credit hours for JD degree and 30 credit hours for MS Financial Planning Degree
- 12 cross-credits allowed (6 MS Financial Planning cross-credits and 6 JD cross-credits), with both required courses and electives eligible for cross-credit
- Year One and Year Two focused solely on JD curriculum, Year Three focusing primarily on MS. Financial Planning Curriculum and finishing any JD requirements.

Semester	Course	JD	MFP
		Credits	Credits
Year One Fall	Law School Core	16	0
Year One Spring	Law School Core	15	0
TOTAL YEAR 1		31	0
Year Two Fall	JURI 4300: The Law and Ethics of Lawyering	3	3
	JURI 5120: Federal Income Tax	3	3
	JURI 4384: Accounting and Finance for Lawyers <sup>1</sup>	2	0

 $<sup>^{1}</sup>$  JURI 4384: Accounting and Finance for Lawyers will be a recommended JURI course for students, though not a required course.

	Law School Electives	8-10	
Year Two Spring	Law School Electives	16	
TOTAL YEAR 2		32	6
Year 3 Fall	Law School Electives	10	
	FHCE 7250E: Capstone in Financial Planning		3
	FHCE 8200E: Financial Planning and Analysis		3
Year 3 Spring	FHCE 6250E: Practice Management		3
	FHCE 6200E: Wealth Management I		3
	FHCE 6205E: Wealth Management II		3
	FHCE 6210E: Retirement Planning & Employee Benefits	3	3
	FHCE 6220E: Estate Planning	3	3
	FHCE 7200E: Financial Counseling & Client Communication		3
TOTAL YEAR 3		16	24
TOTAL DEGREE		79	30

Unless otherwise noted, specific courses listed above are required courses in either the School of Law or College of Family and Consumer Sciences. The order of taking any of the courses in the course of study may change due to scheduling changes or reforms at either the School of Law or College of Family and Consumer Sciences or scheduling needs of the student, as approved by the appropriate administrator at the School of Law or the College of Family and Consumer Sciences. No courses taken prior to matriculation to the School of Law can count toward the Juris Doctor credit hour requirements, pursuant to ABA Standard 311(d).

#### Other Requirements

As part of their coursework, as set forth above, students will need to satisfy the School of Law's writing requirements (including a drafting course and capstone writing requirement) and take at least six credit hours of practical skills courses (as more fully described in the School of Law's student handbook). Those requirements are subject to change pursuant to ABA accreditation rules.

#### 13. Administration:

The Dean of the College of Family and Consumer Sciences is responsible for all programs at that college, including the MS in Financial Planning. The authoritative decision maker for the JD/MS Financial Planning degree in the College of Family and Consumer Sciences will be the CFP Program Director and the Departmental Graduate Program Coordinator. The CFP Program Director and the Departmental Graduate Program Coordinator, in coordination with the Head of the Department, will handle admission to and advisement within the MS Financial Planning Program.

The Dean of the School of Law is responsible for all programs at the School of Law. The authoritative decision maker for the JD/MS Financial Planning program in the School of Law will be the Director of Dual Degrees. The Director of Admissions will handle admission to the JD program. Advisement in the School of Law will be handled through the Director of Dual Degrees.

The College of Family and Consumer Sciences and School of Law will coordinate with each other regarding scheduling of courses and advising of JD/MS Financial Planning students to avoid course conflicts where feasible and to ensure quality of curriculum selection. This will include a regular communication between the Director of Dual Degree Programs for the School of Law and the Director of the MS Financial Planning Program each semester to discuss student progress and individual graduation assessments.

#### 14. Assessment:

The Director of Dual Degrees at the School of Law, along with the CFP Program Director, will formulate goals and establish criteria for assessing the quality and progress of the JD/MS Financial Planning program. Baseline indices for program growth will include the number of applicants, the quality of student applicants, and rates of acceptance of offers of admission. Suggested criteria to determine formative and summative effectiveness of the program, as well as the success of students earning the three-year degree, could include but are not limited to:

- Longitudinal review of graduates, assessing annually the employment status and positions held.
- Participation in exit interviews and/or surveys that include the use of standardized measure to assess students' experiences with and perceptions of the program.
- c. Annual review of GPAs of dual degree students.
- d. Time to degree and degree completion rates.

#### 15. Fiscal and enrollment impact and estimated budget:

No additional fiscal impact as a result of developing this dual degree is anticipated in the early years of the program; thus, no additional faculty or staff resources will be necessary for the administration at the outset. All academic courses identified in the program of study for the proposed dual degree are currently being offered. We anticipate a gradual increase in student enrollment, which should be supported by students' tuition/fees.

#### 16. <u>Tuition Impact:</u>

During Year One and Year Two students will take courses solely in the School of Law, and during Year Three students will take courses in both the School of Law and College of Family and Consumer Sciences. Students will be coded as primary degree (JD) in the School of Law during Year One and Year Two and primary degree (MS Financial Planning) in the College of Family and Consumer Sciences in Year Three. Based on the course of study set forth in this document and current university policy, no exchange of tuition differential funds is anticipated during Year Three. However, tuition differential fund exchange may apply in the future if significant changes are made to the course of study in Year Three or if changes in university policy alter the collection of tuition differential.

# PROPOSAL FOR AN ONLINE DRUG SAFETY & PHARMACOVIGILANCE GRADUATE CERTIFICATE PROGRAM

Date:05/11/2022
College/School: College of Pharmacy
Department/Division: International Biomedical Regulatory Sciences (IBRS)
Graduate Certificate Title): <u>Drug Safety and Pharmacovigilance Graduate Certificate</u> Note: This certificate will only be offered online.
Will any approved areas of emphasis be offered under this major?N/A
Proposed Effective Date: Spring 2023
Approved 4/18/2022 – College of Pharmacy Undergraduate and Graduate Education and Curriculum Committee. Vote: 11 Yea – 0 Nay
Approved 5/4/2022 – College of Pharmacy Faculty Vote: 48 Yea – 0 Nay
Kelly M. Smith, Pharm.D Date
Dean College of Pharmacy

#### **Proposal Abstract:**

UGA International Biomedical Regulatory Sciences (IBRS) Program's objective is to provide graduate-level distance education designed to increase knowledge in the regulatory framework and to develop competencies in regulatory (including subcategories), clinical, and government processes that are critical in helping assure the development, manufacturing, and marketing of safe and effective medical products around the world. The assessments and evaluations during the course and project work, enhances competencies such as critical thinking, problem solving, communication and strategic thinking needed to be successful in the medical products industry.

Regulatory Affairs (RA) professionals (collective term used for all specializations) are employed in industry, government and academia and provide a range of services related to the regulation, development, manufacturing and marketing of pharmaceuticals, medical devices, *in vitro* diagnostics, biologics, biotechnology, nutritional products, cosmetics, and veterinary products. There are many specialized areas within the regulatory sciences and the proposed certificate will address one of the areas.

The UGA College of Pharmacy proposes a graduate certificate in Drug Safety and Pharmacovigilance (DS & PV) to allow students to gain specialized knowledge and regulatory expertise for working in the medical industry. The DS & PV certificate curriculum will be for a total of 17 credit hours and will cover an overview of regulatory requirements for medical products, overview of bioethics for research and development of medical products, biostatistics, good clinical practice and an overview of drug safety requirement throughout the product lifecycle from development to post-marketing. These courses are essential for workforce preparedness for a DS & PV professional.

## Roles and Responsibilities of a Drug Safety & Pharmacovigilance Professionals:

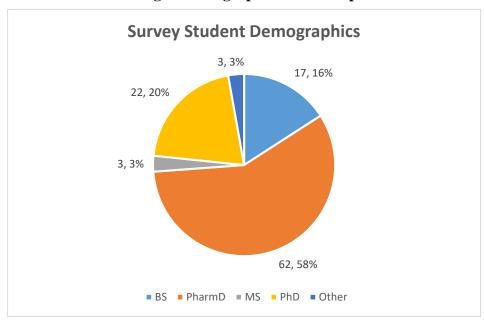
- Manage all aspects related to drug safety as members of product development project teams.
- Manage all aspects of Pharmacovigilance as members of commercial product stewardship teams
- Liaise with regulatory authorities to communicate and negotiate study protocols and label language related to safety
- Support management in due diligences and strategic business activities
- Work with IRB's and data monitoring boards
- Specialize in FDA's adverse event reporting systems and signal detection approaches for safety

#### 1. Assessment

The University of Georgia (UGA) College of Pharmacy offers both a graduate-level certificate program in Regulatory Sciences, and a Master's of Science (M.S.) degree in Pharmacy, with an emphasis in Regulatory Sciences. The graduate certificate provides a foundational core for individuals who wish to transition into entry level regulatory affairs positions. These graduate education offerings are geared for both working professionals and traditional students using an online learning environment designed to allow individual flexibility, yet provide a standard academic structure to advance student learning from one semester to the next.

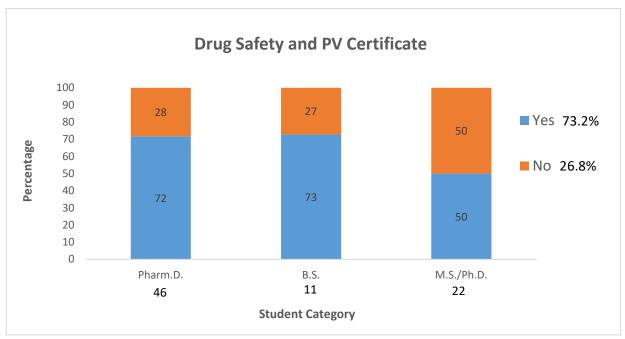
Currently there is no standard undergraduate or terminal degree for Regulatory Affairs Professionals; however, according to the Regulatory Professional Society (RAPS), more than half have an advanced degree. With the growth of the discipline of regulatory sciences, companies continually need new and increasingly sophisticated talent, there is a growing expectation for advanced education and credentialing. We anticipate that the graduate certificates and master's degree offered by the IBRS Program will support the expected need in advance education and credentialing.

A needs assessment demonstrating that we have a sufficient pool of qualified applicants was evaluated within the college of pharmacy.



**Fig.1: Demographics of Participants** 

Fig. 2: Student Feedback on Interest to Obtain a Drug Safety & PV
Certificate



To assess the interest of the college of pharmacy students in obtaining a Drug Safety and PV graduate certificate as part of their educational program in UGA, an anonymous Qualtrics survey was sent to all students within the College of Pharmacy. More than 100 students took the survey. Overall 73% percent of the students that participated in the survey were interested in obtaining the certificate. Most students in the BS curriculum and Pharm.D. (72% and 73%, respectively) and 50% of the graduate students were interested in pursuing the certificate. This assessment clearly supports that there is a sufficient pool of qualified students with interest in obtaining the Drug Safety and PV graduate certificate that could be adjacent to their current academic aspirations.

#### 2. Admission Requirements

All requirements for admission to an Online Academic Degree Program will be the same as those for the other graduate certificates currently offered by IBRS as outlined below:

#### **Admission Criteria:**

- A Bachelor's degree (or higher) is required. Preference will be given if applicant's degree is in sciences, healthcare or engineering.
- The minimum undergraduate GPA standard for admission to the Graduate School at the University of Georgia for applicants who do not have a prior graduate degree is 3.0.
- Preference will be given if an applicant is employed in the pharmaceutical, medical device, biotechnology industries or related field.
- Applicant MUST apply also to the UGA Graduate School
- Applicants are encouraged to include in their application materials a letter of support.

- Applicants must include a statement of purpose, no more than 3-pages, that addresses why they wish to enroll in this program.
- International Applicants TOEFL scores are required for International Students.
- Daily access to a computer with required specifications and a working knowledge of the Microsoft Windows Operating System, Microsoft Office Suite (including MS Word, Excel) Internet Explorer and Adobe Reader.

**Note:** Some of these requirements may be waived for students who want to pursue a graduate certificate while currently enrolled in another graduate or terminal degree program using the Fast-Track application process.

#### **International Applicants:**

International students are encouraged to apply to the Regulatory Sciences programs. At this time, however, the Regulatory Sciences Department does not offer visa sponsorship or departmental assistantships as this is an online program.

#### **Deadlines for International Applicants**

All application materials including TOEFL scores must be received as follows: For Fall Semester, April 15; and for Spring Semester, October 15.

#### **English Proficiency**

Applicants whose primary language is not English must submit official TOEFL or IELTS scores that are not more than two years old.

Minimum TOEFL score requirement: overall score of 80 with at least 20 on speaking and writing

Minimum IELTS score requirement: overall band-width of 6.5, with no single band (score) below 6.0

TOEFL and IELTS scores should be reported electronically by the testing agency.

#### 3. Program Content

The learning objectives of the Drug Safety and Pharmacovigilance graduate certificate is to prepare the student for the working in the highly regulated medical industry in the specialized area of Drug Safety or Pharmacovigilance.

Upon completion of the certificate program, students should be able to:

- Be knowledgeable in laws, regulations and guidelines related to drug safety and pharmacovigilance principles
- Outline the product development process for medical products

- Locate information necessary in their role as drug safety and pharmacovigilance professionals
- Describe the pre-approval and approval requirements for safety of new products, including the maintenance of those products after marketing through pharmacovigilance systems
- Familiar with the complex interaction between regulatory requirements and development processes for new products.
- Apply established principles of submission process that regulatory authorities use to evaluate new medical product applications
- Familiar with safety signal monitoring and detection technologies

Below is the outline of the curriculum: for **Drug Safety and Pharmacovigilance** (17 semester hours)

- Overview of the Pharmaceutical, Biotechnology, Animal Health and Device Industries (PHAR6010E 4 semester hours): Foundational knowledge of the pharmaceutical, biotechnology, and medical device industries. Emphasis on organization, product development, new product applications and commercialization- associated activities, including drug discovery, chemical synthesis, laboratory practices, quality assurance, regulatory affairs, manufacturing, design control, marketing, and postmarketing surveillance.
- Introduction to Bioethics (PHRM7230E 3 semester hours): Ethics of research in animals and human subjects, fraud, scientific misconduct, and conflicts of interest.
- Biostatistical Applications for Pharmaceutical & Biotechnology Industries (PHAR7100E 3 semester hours): Biostatistical issues regarding the introduction and regulatory agency (FDA) approval of new drugs, biologics, medical devices, and combination products, and their post-market surveillance are considered. Data quality assurance, experimental design, clinical trials, power and sample size determination, uncertainty assessment, regression, survival analysis, and variable and model selection are considered.
- Overview of Drug Safety Throughout Medical Product Lifecycle (PHAR6140E 4 semester hours): Integration of foundational knowledge of clinical drug safety and pharmacovigilance requirements, combined with real-world application of these concepts. Emphasis on practical interpretation and application of relevant regulations and methods for optimizing the use of evolving technologies.
- Good Clinical Practice (PHAR6310E 3 semester hours): Review of the Good Clinical Practices regulations that apply to conducting clinical trials for drugs, biologic products, and medical devices involving human subjects. Knowledge and understanding of the regulations and compliance challenges associated with conducting human clinical studies from a regulatory affairs perspective.

The certificate will be assessed as per the established goals and criteria for quality by the College of Pharmacy. These include determination the effectiveness by measuring the success of students earning the certificate. These may include

• Longitudinal review of graduates, their employment status and salaries.

- Longitudinal enrollment numbers including statistics on the demographic makeup and academic qualifications of those students who enroll.
- Participation in formal exit surveys to assess students' experiences and perceptions of the program.

#### 4. Student Support Services/Advising

Each students will have access to all the learning and student support services to ensure full participation in the learning experience. Services include academic advising or technology support, career planning, and disability services.

In general, students will be advised by the Assistant Director for the IBRS Program. The Assistant Director will be available for meetings with the students. Students currently enrolled in another graduate or terminal degree program will also be advised by their regular advisor.

#### 5. Resident Requirements

Residence requirements will be identical to those established for other certificate program within IBRS. The program is open to both degree-seeking and non-degree students. Applicants must meet the minimum Graduate School standards and non-degree students are required to apply through the Graduate School application process. All enrolled students will be subject to UGA's residency requirements.

### **6.** Program Management.

The DS & PV graduate certificate will be administered by the Program Director (Dr. Grace Gowda) of the IBRS program in collaboration with the Assistant Director (Ms. Johnna Hodges) of the IBRS program. The courses will be instructed by part-time and adjunct faculty who already teach the courses listed above for other programs currently offered by IBRS and supported by the same course coordinators. The certificate can be completed at the learner's pace, so there is not a time limit, except within the graduate school's timeline requirements of six years before courses begin to expire.

#### 7. Library and Laboratory Resources

The students will be provided with learning resources within the course including text books if appropriate and will also include accessing regulatory authority websites such as FDA or EMA, published papers and presentations to supplement their learnings.

#### 8. Budget

No additional fiscal investment is anticipated as a result of creating this graduate certificate program. It is anticipated to enroll about 10+ students. All academic courses identified in the program of study for the proposed certificate are currently being offered as required or elective courses in the current MS program in regulatory sciences. We anticipate a gradual increase in student enrollment. If the enrollment goes up, additional faculty or staff resources may be necessary for the administration of the program and timely graduation of the students. At that time a fiscal evaluation will be conducted to determine future resource requirements and we anticipate the additional resources be supported by students 'tuition/fees.

## 9.

**Program Costs Assessed to Students**Standard graduate student costs will be utilized for the program

#### **10.** E-Rate

Standard e-rate utilized for the current IBRS courses will be charged.

# PROPOSAL FOR AN ONLINE CHEMISTRY, MANUFACTURING & CONTROLS GRADUATE CERTIFICATE PROGRAM

Date:05/11/2022	
College/School: College of Ph	narmacy
Department/Division: Intern	national Biomedical Regulatory Sciences (IBRS)
Graduate Certificate Title): <u>Chem</u> Note: This certificate will only be	nistry, Manufacturing & Controls Graduate Certificate offered online.
Will any approved areas of emph	asis be offered under this major? N/A
Proposed Effective Date: Spring	g 2023
Approved 4/18/2022 – College of Education and Curriculum Comm	Pharmacy Undergraduate and Graduate nittee. Vote: 11 Yea – 0 Nay
Approved 5/4/2022 – College of P	harmacy Faculty Vote: 46 Yea – 0 Nay
Kelly M. Smith, Pharm.D	Date
Dean	
College of Pharmacy	

#### **Proposal Abstract:**

UGA International Biomedical Regulatory Sciences (IBRS) Program's objective is to provide graduate-level distance education designed to increase knowledge in the regulatory framework and to develop competencies in regulatory (including subcategories), clinical, and government processes that are critical in helping assure the development, manufacturing, and marketing of safe and effective medical products around the world. The assessments and evaluation during the course and project work enhances competencies such as critical thinking, problem solving, communication and strategic thinking needed to be a successful in the medical industry.

Regulatory Affairs (RA) professionals (collective term used for all specializations) are employed in industry, government and academia and provide a range of services related to the regulation, development, manufacturing and marketing of pharmaceuticals, medical devices, *in vitro* diagnostics, biologics, biotechnology, nutritional products, cosmetics, and veterinary products. There are many specialized areas within the regulatory science and the proposed certificate will address one of the areas.

The UGA College of Pharmacy proposes a graduate certificate in Chemistry, Manufacturing & Controls (CMC) to allow students to gain specialized knowledge and regulatory expertise for working in the medical products industry. The CMC certificate curriculum will be for a total of 14 graduate credit hours and will cover Good Manufacturing Practice course, Process Control and Process Validation course, Quality Control and Quality Assurance course and a course on submission requirements for the quality module (same as CMC) to regulatory authorities. These courses are essential for workforce preparedness for a CMC professional.

Roles and Responsibilities of a Chemistry, Manufacturing & Controls (CMC) Professionals include:

- Manage all aspects related to drug substance (API) and drug product including changes in manufacturing, testing and stability
- Member of product development project teams and commercial product stewardship teams
- Liaise with regulatory authorities to communicate and negotiate submissions and approvals
- Support management in due diligences and strategic business activities related to the product development and acquisition
- Support the quality group during inspections
- Ensure compliance with GMP & regulations

#### 1. Assessment

The University of Georgia (UGA) College of Pharmacy offers both a graduate-level certificate program in Regulatory Sciences, and a Master's of Science (M.S.) degree in Pharmacy, with an emphasis in Regulatory Sciences. The graduate certificate provides a foundational core for individuals who wish to transition into entry level regulatory affairs positions. These graduate education offerings are geared for both working professionals and traditional students using an online learning environment designed to allow individual flexibility, yet provide a standard academic structure to advance student learning from one semester to the next.

Currently there is no standard undergraduate or terminal degree for Regulatory Affairs Professionals; however, according to the Regulatory Professional Society (RAPS), more than half have an advanced degree. With the growth of the discipline of regulatory affairs, companies continually need new and increasingly sophisticated talent as there is a growing expectation for advanced education and credentialing. We anticipate that the graduate certificates and master's degree offered by the IBRS Program will support the expected need in advance education and credentialing.

A needs assessment demonstrating that we have a sufficient pool of qualified applicants was evaluated within the college of pharmacy.

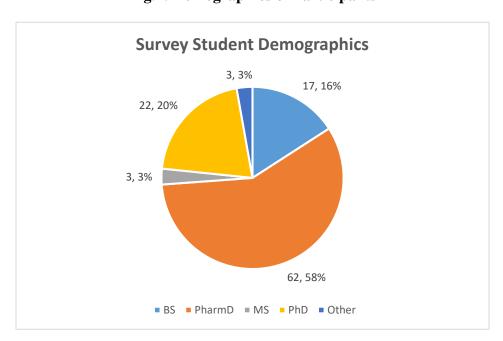


Fig.1: Demographics of Participants

**CMC Certificate** 100 90 Yes 61.6% 25 80 41 43 70 ■ No 38.4% Percentage 60 50 40 75 30 57 20 10 0 Pharm.D. B.S. M.S./Ph.D. 49 22 12 **Student Category** 

Fig. 2: Student Feedback on Interest to Obtain a CMC Certificate

To assess the interest of the college of pharmacy students in obtaining a CMC graduate certificate as part of their educational program in UGA, an anonymous Qualtrics survey was sent to all students within the College of Pharmacy. More than 100 students took the survey. Overall 62% percent of the students that participated in the survey were interested in obtaining the certificate. Most students in the BS curriculum (70%), Pharm.D. (57%) and graduate students (59%) were interested in pursuing a CMC certificate. This assessment clearly supports that there is a sufficient pool of qualified students with interest in obtaining the CMC graduate certificate that could be adjacent to their current academic aspirations.

## 2. Admission Requirements

All requirements for admission to an Online Academic Degree Program will be the same as those for the other graduate certificates currently offered by IBRS as outlined below:

#### **Admission Criteria:**

- A Bachelor's degree (or higher) is required. Preference will be given if applicant's degree is in sciences, healthcare or engineering.
- The minimum undergraduate GPA standard for admission to the Graduate School at the University of Georgia for applicants who do not have a prior graduate degree is 3.0.
- Preference will be given if an applicant is employed in the pharmaceutical, medical device, biotechnology industries or related field.
- The applicant must apply also to the UGA Graduate School
- Applicants are encouraged to include in their application materials a letter of support.
- Applicants must include a statement of purpose, no more than 3-pages, that addresses why they wish to enroll in this program.
- International Applicants TOEFL scores are required for International Students.

 Daily access to a computer with required specifications and a working knowledge of the Microsoft Windows Operating System, Microsoft Office Suite (including MS Word, Excel) Internet Explorer and Adobe Reader.

**Note:** Some of these requirements may be waived for students who want to pursue a graduate certificate while currently enrolled in another University graduate or terminal degree program.

## **International Applicants:**

International students are encouraged to apply to the Regulatory Sciences programs. At this time, however, the Regulatory Sciences Department does not offer visa sponsorship or departmental assistantships as this is an online program.

## **Deadlines for International Applicants**

All application materials including TOEFL scores must be received as follows: For Fall Semester, April 15; and for Spring Semester, October 15.

#### **English Proficiency**

Applicants whose primary language is not English must submit official TOEFL or IELTS scores that are not more than two years old.

Minimum TOEFL score requirement: overall score of 80 with at least 20 on speaking and writing

Minimum IELTS score requirement: overall band-width of 6.5, with no single band (score) below 6.0

TOEFL and IELTS scores should be reported electronically by the testing agency.

#### 3. Program Content

The learning objectives of the CMC graduate certificate is to prepare the student for the working in the highly regulated medical product industry in the specialized area of CMC.

Upon completion of the Certificate Program students should be able to:

- Be knowledgeable in laws, regulations and guidelines related to Good manufacturing practices (GMP) and quality by design (Qbd) principles
- Outline the product development process for medical products
- Locate information necessary to their role as CMC professionals
- Describe the pre-approval and approval CMC requirements for new products, including the maintenance of those products after marketing
- Familiar with the complex interaction between regulatory requirements and development processes for new products
- Knowledgeable of the key aspects of the manufacturing process as it relates to regulatory review and inspection policies.

• Apply established principles of submission process that regulatory authorities use to evaluate new medical product applications

Below is the outline of the curriculum: for CMC Graduate Certificate (14 semester hours)

- Current Good Manufacturing Practices (PHAR6030E 4 semester hours):
   Current Good Manufacturing Practice regulations implemented to assure quality and safety of marketed products. Inspection techniques used by the FDA to ensure best practices within a manufacturer's organization, personnel, facilities, equipment, control systems, production, process controls, laboratory procedures and records, and clinical testing.
- Chemistry, Manufacturing and Controls (PHAR6160E 4 semester hours): Foundational knowledge of chemistry manufacturing and controls for pharmaceuticals, biologics, and biotechnology products. Emphasis on active ingredient development, product development, preparing new product applications worldwide, and maintaining compliance of products post-approval.
- Quality Control and Quality Assurance (PHAR 6100E 3 semester hours): Principles to understand and establish quality control/quality assurance processes, procedures, and compliance reports for the production of biologics, drugs, and devices.
- Process Control and Validation (PHAR6120E 3 semester hours): Broad coverage of validation and control processes for the pharmaceutical, biologic, and medical device industries.

The certificate will be assessed as per the established goals and criteria for quality by the College of Pharmacy. These include determination the effectiveness by measuring the success of students earning the certificate. These may include

- Longitudinal review of graduates, their employment status and salaries.
- Longitudinal enrollment numbers including statistics on the demographic makeup and academic qualifications of those students who enroll.
- Participation in formal exit surveys to assess students' experiences and perceptions of the program.

#### 4. Student Support Services/Advising

Each students will have access to all the learning and student support services to ensure full participation in the learning experience. Services include academic advising or technology support, career planning, and disability services.

In general, students will be advised by the Assistant Director for the IBRS Program. The Assistant Director will be available for meetings with the students. Students currently enrolled in another graduate or terminal degree program will also be advised by their regular advisor.

#### 5. Resident Requirements

Residence requirements will be identical to those established for other certificate program within IBRS. The program is open to both degree-seeking and non-degree students. Applicants must meet the minimum Graduate School standards and non-degree students are required to apply through the Graduate School application. All enrolled students will be subject to UGA's residency requirements.

#### 6. Program Management.

The CMC graduate certificate will be administered by the Program Director (Dr. Grace Gowda) of the IBRS program in collaboration with the Assistant Director (Ms. Johnna Hodges) of the IBRS program. The courses will be instructed by part-time and adjunct faculty who already teach the courses listed above for other programs currently offered by IBRS and supported by the same course coordinators. The certificate can be completed at the learner's pace, so there is not a time limit, except within the graduate school's timeline requirements of six years before courses begin to expire.

## 7. Library and Laboratory Resources

The students will be provided with learning resources within the course including textbooks if appropriate and will also include accessing regulatory authority websites such as FDA or EMA, published papers and presentations to supplement their learnings.

### 8. Budget

No additional fiscal investment is anticipated as a result of creating this graduate certificate program. It is anticipated to enroll about 10+ students. All academic courses identified in the program of study for the proposed certificate are currently being offered as required or elective courses in the current MS program in regulatory sciences. We anticipate a gradual increase in student enrollment. If the enrollment goes up, additional faculty or staff resources may be necessary for the administration of the program and timely graduation of the students. At that time a fiscal evaluation will be conducted to determine future resource requirements and we anticipate the additional resources be supported by students tuition/fees.

#### 9. Program Costs Assessed to Students

Standard graduate student costs will be utilized for the program.

#### 10. E-Rate

Standard e-rate utilized for the current IBRS courses will be charged.



College of Public Health Rhodes Hall, Health Sciences Campus Athens, Georgia 30602 TEL 706-542-2300

www.publichealth.uga.edu

9/13/2022

September 13, 2022

Re: Proposal for an Online Masters in Public Health Program

Dear Dr. Walcott,

We are pleased to submit the following proposal for an online Masters in Public Health (MPH) Program. The proposal was reviewed by the College of Public Health's Graduate Education Committee, the College of Public Health's Curriculum and Academic Programs Committee, the College of Public Health Associate Dean for Academic Affairs, and myself. We believe this online version of our MPH program will enhance the College's ability to train more graduate students, increase the number of trained public health leaders, and increase the overall student enrollment at UGA. We are happy to discuss any questions or concerns you may have.

Marsha Davis, College of Public Health Dean Date

9/12/2022 Erin Lipp, College of Public Health Associate Dean for Date

**Academic Affairs** 

Commit to Georgia | give.uga.edu

#### PROPOSAL FOR AN ONLINE PROGRAM

Date: September 12, 2022	
College/School: College of Public Health	
Department/Division: College of Public Health Academic Affairs	
Program (Major and Degree): Online Masters of Public Health (MPH)	
Will any approved areas of emphasis be offered under this major? No	
Proposed Effective Date: Fall 2023	

#### 1. Assessment

Background. The University of Georgia College of Public Health proposes to offer its Master of Public Health (MPH) degree online. The MPH has been previously approved as an existing program within the College of Public Health.

The new online format will meet the demands of the evolving needs of students, both traditional and non-traditional, as adult learners are becoming increasingly interested in fully online graduate degree programs that meet needs for flexibility in time and location. Thus, this online program will enhance the College's ability to train more graduate students, increase the number of trained public health leaders, and increase the overall student enrollment at UGA.

The online MPH will follow a generalist MPH approach, where students will learn competencies in each public health domain. The proposed curriculum includes 13-credits of courses in the core disciplines of public health, 24 credits across public health domains, and a 7-credit focus on acquiring professional training and applied practice experience. This curriculum mirrors the existing MPH program's 44-credit requirement.

The online MPH is the appropriate next step in the delivery of quality public health education for the College of Public Health. The genera online MPH builds on the wide range of public health expertise of the CPH core faculty. Faculty expertise cover all public health domains, including health policy and management, health promotion, environmental health, biostatistics, and epidemiology. Graduates with competencies in a range of public health domains will find robust employment opportunities in Georgia and nationally.

Program Demand. According to market research conducted by Hanover Research, a Master's degree in public health is considered a "high growth" program, for both student demand as well as labor demand. Figure 1.1 provides a snapshot of MPH programs in the US in 2020. The growth in online MPH programs was more than four times (10.5% vs. 2.4%) the growth of in-person programs between 2016 and 2020. Figure 1. Fast Facts Master's degree programs in Public Health



Total Completions in 2020



268 Total Programs in



115 Total Distance Education Programs in 2020





+ 3.5% Completions Growth 2016-2020



+ 2.4% Program Growth 2016-2020



+ 10.5% Distance Program Growth 2016-2020



Despite the growth in programs nationally, there is still a clear market opportunity for an online MPH program in the Southeast, especially in Georgia. Table 1.2 below indicates conferral trends for similar graduate programs nationally, regionally, and in Georgia. Among those, there are only four in-state programs accredited by the Council on Education for Public Health (CEPH): Augusta University, which offers the MPH in Health Management in a hybrid format, and Emory University, which offers an executive MPH in a hybrid format. As of summer 2022, Georgia Southern University and Mercer University are the only fully online MPH programs in Georgia in applied public health. UGA stands to offer the only online program to offer a generalist MPH in the state.

Table 1.2: Number of Public Health Masters Programs, 2017

	MASTER'S PROGRAMS			
REGION	All Programs	% Distance	# of graduates per cohort	
Public Health Gen	eral			
United States	257	37.0%	37	
Southeast	64	31.3%	37	
Region				
Georgia	11	9.1%	31	

Source: The National Center for Education Statistics' Integrated Postsecondary Education Data System (IPEDS)<sup>13</sup> Note: '# of graduates per cohort' denotes the average number of completions across all reporting institutions as of 2017.

Labor Demand. The job market for MPH graduates is strong, reflecting a labor shortage in trained public health workers. According to Hanover research, 10,344 students completed an MPH in 2020, with 87,321 annual average job openings in that year. Projections suggest that there will be significant growth in demand over the next decade, both nationally and within Georgia. As illustrated in Table 1.3, national long term employment projections for public health workers are set to increase for all occupations (with an overall increase of 12.6%). In particular, the demand for medical and health services manager positions are expected to increase by 32.5% over the next decade (with 51,800 average annual job openings).

Figure 1.3: National Long-Term Employment Projections for Public Health Related Fields, 2020-2030

TITLE	EMPLOYI	MENT	CHANGE, 2020-2030		AVERAGE	
11122	2020	2030	NUMBER	PERCENT	ANNUAL OPENINGS	
Medical and	429,800	569,400	139,600	32.5%	51,800	
<u>Health Services</u>	423,000	303,400	133,000	32.370	31,000	
<u>Managers</u>						
<u>Project</u>	20,856,500	24,183,500	3,327,000	16.0%	NDA*	
<u>Management</u>						
<u>Specialists,</u>						
Healthcare and						
Social Assistance						
<u>Project</u>	6,223,500	6,713,300	489,800	7.9%	NDA*	
<u>Management</u>						
<u>Specialists</u>						
Hospitals, State,						
<u>Local or Private</u>						
Health Education	61,100	68,700	7,600	12.4%	4,400	
<u>Specialists</u>						
<u>Community</u>	64,100	77,600	13,500	21.0%	8,600	
<u>Health Workers</u>						
<u>Social Science</u>	40,400	43,800	3,400	8.4%	5,400	
<u>Research</u>						
Emergency	10,500	11,100	700	0.7%	1,000	
Management						
<u>Directors</u>						
Community and	95,500	108,200	12,700	13.3%	11,700	
Social Service						
<u>Specialists</u>						
Social and	174,200	200,700	26,400	15.2%	18,300	
Community						
Services Managers						
National Total	27,955,600	31,976,300	4,020,700	12.6%	>101,200	

Source:  $BLS^{22}$  Notes: BLS projections call for 7.7 percent employment total growth across the economy in this period; No Data Available (NDA) for sub-categories of employment of industry.

The combination of student and labor demand places the MPH in a high growth program category. The United States has a shortage in qualified public health workers and creating an online version of our currently successful inperson MPH will allow us to train additional workers to meet this demand. This online program will meet the needs of adult learners who may be fully employed, living in a rural part of the state, or just need additional flexibility in time and location of a program. This proposed program would therefore fill a market opportunity.

#### 2. Admission Requirements

Admission criteria for the Master of Public Health online will be consistent with the admissions standards set by the College of Public Health for the in-person Master's in Public Health. The admissions process is managed by the College's Office of Academic Affairs, and each concentration has an admissions committee that makes admissions recommendations for their program. The office's

admissions coordinator then processes admissions decisions and communicates decisions to the University and applicants. Currently, the Office of Academic Affairs processes approximately 350 applications annually. The MPH Online will be added to the centralized application service's list of CPH designated programs and applicants will be processed and routed to the MPH Office of Online Education, as is done for all other MPH programs currently.

Admissions will be based on evaluation of the applicant's educational background and any work experience, past performance, and/or potential to work in the field of public health. Preferences for the online program will be made for working professionals, and particularly those currently in the public health or relevant health professions. In addition, other requirements include:

- Admission based on academic preparation (GPA)
- Current resumé or CV
- Recommendations by discipline-specific academic advisors or employers
- Personal statement of academic and professional background and objectives
- Writing sample

All students must have a Bachelor's degree or its equivalent from an accredited institution. A minimum GPA of 3.0 on a 4.0 scale and relevant course history are recommended for consideration during the admission process.

Though the application process will be managed by the Office of Academic Affairs, the composition of the admissions committee, established criteria, and final admissions decisions will be made by the Director for Online Education and staff.

#### 3. Program Content/Curriculum

The online MPH in Public Health will require a total of 44 credits, in accordance with the existing inperson MPH program. The course content, however, may vary slightly to account for the nontraditional student profile, which differs from the current in-person program's student profile. A majority of inperson MPH students transition to the MPH program immediately upon graduation from bachelor's degree programs and have little work experience. The enrollment for the online MPH is expected to have a high proportion of currently working professionals, who bring work and life experience with them to the classroom. Content will be adjusted appropriately for this online adult learner.

The core foundational courses will be the same as those for the in-person MPH, as are the applied practice experience components. The remaining courses in the program of study are specifically targeted at the online learner in a generalist concentration, though each of the courses is also offered in-person for the traditional in-person MPH program.

#### **Proposed Program Curriculum Overview:**

Category	Total Credits
Core Courses	13
Generalist Concentration Courses	24
Applied Practice (Capstone and Practicum)	6
Professionalism Seminar	1
Total # of credits	44

# **Proposed Program Curriculum:**

Proposed Program Curricu  Course	Credits	Instructor	Comments		
Core courses (13 credits)					
HRPB 7010E Fundamentals of Health Promotion and Behavior	3		Examination of the conceptual and methodological approaches that social and behavioral science contribute to public health research and practice.		
EPID 7010E Introduction to Epidemiology I	3		Principles and methods of epidemiology, emphasizing study design.		
EHSC 7010E Fundamentals of Environmental Health Sciences	3	Keri Lydon	Fundamentals of environmental health, including biological and ecological processes; sources and effects of environmental stress and pollutants; and methods to control and minimize detrimental effects.		
HPAM 7010E Introduction to Health Policy and Management	3	Mohammad Rifat Haider	A detailed look at the organization and financing of the United States health care system.		
BIOS 7100E Biostatistics Bootcamp	1	Kyle Turner	The course will provide the fundamentals of biostatistics and will apply them to public health research. <i>New course – scheduled for approval fall</i> 2023		
	Addit	ional Requirem	ents (24 credit minimum)		
HPAM 7700E Management of Public Health Organizations		TBD	This introductory management course is designed to expose students to concepts in modern public health administrative issues, analyze selected management techniques and perspectives using case-studies, and examine aspects of MPH core competencies related to leadership, communication, and management.		
EHSC 8110E Fundamentals of Chemical and Microbial Risk Assessment	3		Fundamental elements of risk assessment with a specific focus on chemicals, microorganisms, and assessment criteria set by federal agencies. Risk assessments conducted and used by international groups will be compared and evaluated. Course includes a combination of lectures, case studies, critical discussions of primary literature, and group risk assessment projects.		
HPRB 7400E Fundamentals of Evaluation	3		This course will introduce MPH online students to strategies for evaluating public health programs. Topics will include defining evaluation objectives, identifying stakeholders, choosing an appropriate methodology, and communicating to diverse public health audiences. New course – scheduled for approval fall 2023		

Course	Credits	Instructor	Comments
HPRB 7920E Health Behavior	3	Pamela Orpinas	This course provides an overview of the behavioral science theories and models used in health promotion and health education.
HRPB 7990E Diversity and Social Justice in Public Health	3	Pamela Orpinas	Recognize, understand, and prevent prejudice, discrimination, and structural disparities, and examine how these complex social dynamics impact public health.
GRNT 7150E Early Life Influences on Aging	3	Sarah Saint Hamilton	An in-depth exploration of how early life events and experiences during critical periods of development lead to outcomes of health and well-being or disease in later life. Includes discussion of the accumulation of social determinants of health across the lifespan and at sensitive periods in development.
EPID 7450E Public Health Surveillance	3	TBD	An introduction to public health surveillance and its history, purposes and objectives, activities, elements, data sources, models, actions, reports, evaluation, and ethical and legal issues.
DMAN 7100E Public Health Crisis and Disaster Management	3	Curt Harris, or adjunct	Provide in-depth analysis of case studies involving large-scale national and international disasters.
Applied	Practice I	Experience and	Professional Development (7 credits)
PBHL Seminar I	1	Mumbi Anderson	Professional development seminar where students are exposed to networking opportunities, career and job search guidance, and how to develop a professional online presence. Students also develop proposal for final applied practice and integrative learning experiences occurring in the final semester. <i>New course – scheduled for approval fall 2023</i>
PBHL 7560E Applied Practice Experience	6	Variable by Assigned Advisor	Requires students to do field work under the supervision of a public health (or related field) professional. The 300-hour semester long applied practice experience can take place in the student's geographic region and can be extended to 2-semesters with prior approval. Students may complete work under current employer, but must report to a different supervisor, and must complete duties that are not part of current position.  By the end of the APE experience, students must produce at least two deliverables that benefit the applied practice agency and/or the general community.

#### Sample program of study:

- The first year will be a cohort model with students taking the same courses. Subsequent years will vary in course enrollment and will depend on start term.
- Assuming a Fall start and part-time student taking 6-7 credits persemester
- The required internship will be overseen by the Director of Online Education, coordinated by the Program Director, with administrative support by the College's MPH Practice Coordinator.

Year	Semester	Courses	Total credits
1	Fall	HPRB 7010E, EPID 7010E, BIOS bootcamp (BIO	7
		7001E – proposed)	
	Spring	HPAM 7010E, EHSC 7010E	6
	Summer	HPAM 7700E, HPRB 7920E	6
2	Fall	GRNT 7150E, HPRB 7400E (course proposed)	6
	Spring	HPRB 7990E, EPID 7450E	6
	Summer	EHSC 8110E, DMAN 7100E, Seminar I	7
3	Fall	PBHL 7560E (Applied Internship/Practicum)	6

#### **Proposed Teaching Faculty:**

Faculty	Education	Area of Expertise
Clinical Faculty	To be hired	
Dr. Mumbi	Ed.D., Education, University	Dr. Anderson has expertise in public health,
Anderson	of Georgia Institute for	online course development, behavior change
	Higher Education	models, health literacy among older adults,
		healthcare policy analysis, health care systems in
		the U.S.
Dr. Melissa	Ph.D., Mechanical	Dr. Hallow has expertise in disease progression in
Hallow	Engineering,	the areas of cardiovascular, renal diseases, and
	Georgia Institute of	diabetes, dynamic modeling physiology, and
	Technology	pharmacology. Dr. Hallow creates computer
		models that predict how diseases such as
		diabetes will respond to drug therapies.
Dr. Sarah Saint	Ph.D., Psychology	Dr. Saint is a Lifespan Developmental
Hamilton	University of Georgia	Psychologist, with a research background
		focusing on the impact of nutrition on visual and
		cognitive development.
Dr. Nate Hansen	Ph.D., Clinical Psychology,	Dr. Hansen's research focuses on the
	Brigham Young University	development of mental health interventions to
		prevent HIV infection and improve the lives of
		people living with the virus.
Dr. Keri Lydon	Ph.D., University of Georgia	Dr. Lydon has expertise in water quality and
2 Keri Lydon		environmental microbiology. Dr. Lydon analyzes
		genomes and microbial communities to identify
		impacts of water contaminants on pathogen
		ecology.
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Faculty	Education	Area of Expertise
Dr. Pamela Orpinas	Ph.D., Public Health, University of Texas-Houston	Dr. Orpinas has conducted research on the developmental trajectories of children and youth. She has studied peer bullying, dating aggression, and family violence in the United States and Latin America. Her research has focused on improving the lives of immigrants and underserved populations through collaborative, multidisciplinary efforts.
Dr. Curt Harris	Ph.D., Toxicology, University of Georgia	Dr. Harris is the Director of the Institute of Disaster Management and oversees educational programs at the undergraduate and graduate level and sets the research and outreach agenda for the Institute. His research focuses on long term care emergency preparedness, Coalition Assistance Program, and Infectious Disease Transport Network Program
Dr. Lili Tang	Ph.D., Toxicology, Fudan University	Dr. Tang's expertise include: Molecular Biomarkers and Epidemiology, Food Toxicology, and Cancer Prevention
Dr. Kyle Turner	Ph.D., Educational Psychology (emphasis in Quantitative Methodology) University of Georgia	Dr. Turner is a senior lecturer, teaching Applied statistics and research methods.

#### 4. Student Support Services

A program coordinator will serve as the primary advisor for the online MPH. The coordinator will have the responsibility to review students' goals, progress, grades, and systems of support once per semester. These discussions may take place via the telephone, email, or videoconference. The coordinator will also be the assistant to the Director of Online Education and in that capacity will serve as liaison to the Graduate School, ensuring policies and procedures are executed and followed throughout the MPH Online program. The coordinator will report to, and work alongside, the Director of Online Education.

#### 5. Resident Requirements

Residence requirements will be identical to those established for the University's authorized degree program and consistent with the minimum required by the UGA Graduate School, as stated:

#### **Graduate Enrollment Policy**

Graduate students must register for a minimum of three graduate or professional credit hours during any semester in which they use UGA facilities and/or staff time. A student who holds an assistantship must register for a minimum of 12 hours of graduate credit during the fall and spring semesters and nine hours of graduate credit during the summer semester. Other programs, offices, and agencies, such as the Veterans Administration, Immigration and Naturalization Service, and the Office of Student Financial Aid may have other minimum requirements for enrollment.

#### Minimum Enrollment

All enrolled students pursuing graduate degrees at UGA must maintain continuous enrollment from matriculation until completion of degree requirements. Continuous enrollment is defined as registering for a minimum of three graduate or professional credit hours in at least two semesters per academic year (Fall, Spring, Summer) until the degree is attained or the student leaves the program or transitions to non-degree seeking status. The Continuous Enrollment Policy only outlines minimum enrollment requirements for maintaining status as a degree-seeking graduate student; it does not supersede minimum enrollment requirements for other programs, offices, or agencies."

#### 6. Program Management

The Online MPH will be managed by the Director of Online Education, with guidance from the Associate Dean for Academic Affairs, a role currently held by Dr. Erin Lipp. Faculty from all departments across CPH will serve as instructors, with adjuncts hired for additional expertise as needed. The Office of Online Education will coordinate marketing and enrollment management as the program is launched, and the Program Coordinator will be responsible for admissions inquiries, academic advising, and general program administration under the Director of Online Education.

#### 7. Library and Laboratory Resources

The program will use the current UGA online Learning Management System, currently licensed with Desire2Learn's E-Learning Commons (eLC), to offer all courses. The College of Public Health Office of Online Education will collaborate with the UGA Office of Online Learning to review the existing courses in online format and to develop the online versions of the MPH courses that are not currently offered, to ensure that instructional faculty are trained in the delivery of the program content and to ensure the ongoing quality of the program. The courses will have uniformity in the look, feel, and delivery.

The online MPH students will have access to the same quality resources as those students who study with us on campus. Students will have access to a public health subject librarian as well as a distance learning librarian through the UGA library system.

#### 8. Budget

The budget below was developed assuming a cohort model with once per year (fall) enrollment. The enrollment target will be 35 students initially. The budget assumes that learners complete the program in seven semesters or fewer.

Assuming steady enrollment at 35 suggests that the program will have a net positive revenue by FY2026. Initial funding will be applied for through the New Graduate Programs Initiative (OVPI and Graduate School), with remaining costs/deficits covered by the College of Public Health. Future surplus funding will be redirected towards curriculum development and student support.

# **Proposed Budget:**

Expense	FY22	FY23	FY24	FY25	FY26	FY27
·	(Prep year)	(Prep year)	(operating year 1)	(operating year 2)	(operating year 3)	(operating year 4)
	Total	Total	Total	Total	Total	Total
Start Up						
Course Development Overload Compensation	\$35,000	\$0	\$0			
Program Development Overload Compensation	\$15,000	\$0	\$0			
Advertising October 22 thru March '24	\$35,000	\$24,000	\$0			
Digital Ad Management thru March '24	\$5,250	\$3,600	\$0			
Equipment	\$10,000	\$1,500	\$0			
Travel for Practicum Coordinator	\$0	\$7,500	\$0	\$0	\$0	\$0
Overload to Create Continuing Ed	\$0	\$0	\$20,000			
Start-Up Subtotal	\$100,250	\$36,600	\$20,000			
Recurring						
Academic Professional Advising/Curriculum/Online Learning Director	\$0	\$63,750	\$85,000	\$86,700	\$88,434	\$90,203
Academic Professional Recruitment and Practicum	\$0	\$0	\$45,000	\$45,900	\$46,818	\$47,754
Clinical CPH Faculty (teaching faculty, with administration portion for student retention)	\$0	\$0	\$75,000	\$76,500	\$78,030	\$79,591
Part-time Faculty Instruction/Faculty overload (course development)	\$0	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
Part-time Faculty Training	\$0	\$8,000	\$2,000	\$2,000	\$2,000	\$2,000
TAs for Student Engagement	\$0	\$0	\$100,000	\$204,000	\$208,080	\$212,242
Marketing	\$0	\$40,250	\$35,500	\$29,750	\$24,000	\$24,000
Faculty overload for teaching 1 credit BIOS course	\$0	\$0	\$3,000	\$3,000	\$3,000	\$3,000
Slack Educational Account (\$14.40/person/year)	\$0	\$0	\$1,080	\$2,160	\$2,880	\$2,880
Travel for Practicum Coordinator	\$0	\$0	\$1,500	\$1,000	\$1,000	\$1,000
	\$0	\$0	\$0	\$0	\$0	\$0

Expense	FY22 (Prep year)	FY23 (Prep year)	FY24 (operating year 1)	FY25 (operating year 2)	FY26 (operating year 3)	FY27 (operating year 4)
Recurring Subtotal	\$0	\$172,000	\$408,080	\$511,010	\$514,242	\$522,669
Grand Total	\$100,250	\$208,600	\$428,080	\$511,010	\$514,242	\$522,669
Revenue						
eRate Return	\$0	\$0	\$0	\$115,500	\$423,500	\$423,500
Tuition	\$0	\$0	\$0	\$63,000	\$252,000	\$462,000
Total	\$0	\$0	\$0	\$178,500	\$675,500	\$885,500
eRate Revenue/Loss	(\$100,250)	(\$208,600)	(\$428,080)	(\$395,510)	(\$90,742)	(\$99,169)
Net Revenue/Loss	(\$100,250)	(\$208,600)	(\$428,080)	(\$332,510)	\$161,258	\$362,831

## 9. Program Costs Assessed to Students

Costs for students taking the online MPH will be consistent with the established E-rate fee structure at the University of Georgia. The UGA graduate base rate for the in-person MPH is \$405/credit. With the standard \$275 e-rate differential, the total cost per credit hour will be \$680, effective fall 2023.

#### 10. E-Rate

The e-rate for this program will be the standard e-rate of \$275.

# Request for Graduate Online Differential

Major, Degree, or Certificate Name: Masters in Public Health Online

[Curriculum Systems Use Only] Program Code:

**Department/Institute**: College of Public Health Academic Affairs

**Dept Head/Inst Dir:** Erin Lipp (Associate Dean for Academic Affairs) (elipp@uga.edu)

**College/School:** College of Public Health

Submitted by: Kerstin Gerst Emerson (emerson@uga.edu)

This program is approved for face-to-face delivery.

UGA Graduate Base	Requested Online Differential	Requested E-rate Tuition / Credit Hour
\$405	\$275	\$680

# Effective semester/year for online differential: Fall 2023

The requested differential matches the standard differential. No justification is needed.

This form will be routed in the following order: Director of Online Learning, OVPI, Provost, President, and Board of Regents

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<i>//** • 11</i>	Erin K. Lipp, Associate Dean for Academic Affairs	09/12/2022
Department Head/Inst	itute Director	Date
Marka	Davis	9/13/2022
Dean (or designee)		Date
Office of Online Learni	ng	Date
Office of the Vice Presi	dent for Instruction	Date
SrVP for Academic Affa	iirs & Provost	Date