MEMORANDUM

To: Julio Frenk
University President

From: Linda L. Neider
Chair, Faculty Senate

Date: November 22, 2019

Subject: Faculty Senate Legislation #2019-34(B) – Establish a New Graduate Certificate in
Digital Humanities, College of Arts and Sciences

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The Faculty Senate, at its November 20, 2019 meeting, had no objections to the approval of the
College of Arts and Sciences proposal to create a new graduate certificate in Digital Humanities.
This new certificate offering becomes effective fall 2020 and is open to students in any UM
graduate program. Credits may be counted towards participating student's degree requirements
with their program's approval. The proposed certificate program will be overseen jointly by the
departments of English, History, and Modern Languages and Literature.

The proposed certificate program will require the successful completion of 9 credit hours. The
Program requirements include one required course, MLL 774 Practicum in Digital Humanities (3
credits), and the remaining six credits of approved Digital Humanities electives.

The proposal is enclosed for your reference.

This legislation is now forwarded to you for your action.

LLN/ss/rh

cc: Jeffrey Duerk, Executive Vice President and Provost
Leonidas Bachas, Dean, College of Arts and Sciences
Lilian Manzor, Associate Professor, College of Arts and Sciences
Maryann Tobin, Executive Director, Programs, College of Arts and Sciences

CAPSULE: Faculty Senate Legislation #2019-34(B) – Establish a New Graduate Certificate in
Digital Humanities, College of Arts and Sciences

PRESIDENT'S RESPONSE

APPROVED: _____   DATE: 12/17/19
(President's Signature)

OFFICE OR INDIVIDUAL TO IMPLEMENT: Dean Leonidas Bachas

EFFECTIVE DATE OF LEGISLATION: _____IMMEDIATELY_____
(pending any additional approval by the Board of Trustees)

NOT APPROVED AND REFERRED TO: _____

REMARKS (IF NOT APPROVED):_____

UNIVERSITY OF MIAMI

Proposal Submission Checklist

Proposals are to be submitted to the Office of Assessment and Accreditation (OAA) OR the University Curriculum Committee (for undergraduate programs), the Graduate Council (for graduate programs excluding Law and Medical), 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.)

FORM INSTRUCTIONS:
1. Save/download the form as a pdf.
2. After completing the information below, print and scan the form.
3. Insert it with the background materials that are specified, in the order listed, and submit to facsen@miami.edu.
Please note: *only scanned versions can be accepted.*

Include this checklist at the beginning of each proposal.

KEY CONTACT PERSONNEL INFORMATION

First Name

Lillian

Last Name

Manzor

Proponent's Title

Proposal to Establish a Certificate in Digital Humanities

Department, if applicable

School/College

College of Arts and Sciences

E-mail

lmanzor@miami.edu

Phone

305-284-5585

Title of Proposal

Proposal to Establish a Certificate in Digital Humanities

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:

[ ]

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

⦿ Yes   ◯ No

If no, explain why:

[blank text box]

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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).

⦿ Applicable   ◯ Not applicable.

If not, explain why:

[blank text box]

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7. A memo from the Graduate School Dean signifying approval of the Graduate Council (for graduate programs only) OR the University Curriculum Committee (for undergraduate programs only) recommendation form.

⦿ Applicable   ◯ Not applicable.

If not, explain why:

[blank text box]

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:

This program will be housed within the College of Arts & Sciences.

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.

Proposal to Establish a Certificate in Digital Humanities

Questions about this proposal should be directed to:

Allison Schifani, Ph.D.
Assistant Professor
Department of Modern Languages and Literatures
Ams611@miami.edu

Executive Summary:

This proposal envisions the creation of an interdisciplinary graduate certificate in digital humanities to be earned in conjunction with the individual Ph.D. requirements for the Departments of English, History, and Modern Languages and Literatures (MLL). The centering of the graduate certificate in these Ph.D. programs stems from the number of digital humanities-focused faculty and staff in the college, as well as the frequency with which faculty are now offering digital humanities-focused graduate seminars.

The graduate certificate is the next step in the university's ongoing efforts to advance its resources in digital scholarship. These efforts have included the DH task force, the DH Interdisciplinary Research Group hosted through the Center for the Humanities, ongoing DH projects lead by faculty in the College of Arts and Sciences, the DH cluster hire, and the hiring of faculty and staff focused on the digital humanities and digital scholarship in the University Libraries.

Students pursuing the graduate certificate will take a minimum of three DH-focused and/or digital methods courses (9 credit hours). All students pursuing the certificate will be required to take the DH practicum course (MLL 774). Students may fulfill the additional 6 credits required for the certificate by taking two other DH or digital methods courses of their selection, either selected from the current MLL and ENG DH offerings listed below, or from courses listed in appendix B. Students may also petition for a course outside of these offerings to fulfill these credit hours (i.e., the 6 remaining credit hours after taking the practicum course) on an *ad-hoc* basis. Such petitions will be evaluated by a committee of faculty members with expertise in digital scholarship in the humanities. Students will supplement this course work with a final, online portfolio showcasing their projects and research utilizing digital humanist methodologies, which will be reviewed by this same committee of DH faculty across departments. This portfolio will be an asset to students applying to both academic and non-academic jobs after graduation. Although the certificate is aimed at graduate students from English, History, and Modern Languages and Literatures, interested graduate students from other departments and disciplines will be welcome to pursue it. The certificate will be open only to graduate students at the University of Miami.

UNIVERSITY OF MIAMI
COLLEGE of
ARTS & SCIENCES

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

To: Robyn Hardeman
           Secretary, Faculty Senate

From: Leonidas G. Bachas
           Dean, College of Arts and Sciences

Subject: New Graduate Certificate: Digital Humanities

Date: May 10, 2019

Dear Linda,

I am writing to express my full support of the proposal for a new graduate certificate in Digital
Humanities. On April 9, 2019, the faculty of the College of Arts and Sciences unanimously voted
in favor of this new certificate program which we believe will support interdisciplinary
collaboration across the humanities departments of the College, as well as promoting the
digital scholarship of our students and faculty. 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

UNIVERSITY OF MIAMI
COLLEGE OF
ARTS & SCIENCES

Department of
Modern Languages and
Literatures PO Box 248093
Coral Gables, FL 33124-
2074

Ph: 305 284 5585
Fax: 305 284 2068
www.as.miami.edu/
mll

MEMORANDUM

TO: Dean Leonidas Bachas, Dean of the College of Arts and Sciences

        Guillermo Prado, Dean, Graduate School

FROM: Dr. Yolanda Martínez-San Miguel, Chair MLL

DATE: February 27, 2019

RE: Graduate Certificate in Digital Humanities

On behalf of the Department of Modern Languages and Literatures, I want to express our enthusiastic support towards the creation of a Graduate Certificate in Digital Humanities for Ph.D. students in the College of Arts and Sciences.

This certificate is one of the achievements of the collaborations among different faculty members who specialize in Digital Humanities in the Departments of English, History and MLL. Our department has three faculty members who work on Digital Humanities and another field (Medieval, Caribbean, Visual and Urban Studies). This certificate would allow CAS students to train and conduct research on one of the emergent fields of study in the Humanities, Social Sciences and Sciences.

The MLL faculty discussed the proposal during our last faculty meeting held this morning and we unanimously voted to support this initiative (14 votes from 14 MLL faculty eligible to vote). We just made a few constructive recommendations to strengthen the proposal, by including specific courses from the English and History departments that can count towards the certificate and making sure the School of Communication is integrated more fully into the proposal. We also suggested that the proposal may include courses and faculty from the Geography Department, since some of their courses incorporate GIS mapping technology.

The graduate certificate promotes the kind of collaborative scholarship and pedagogy promoted in the College of Arts and Sciences' Impact 2025 strategic plan. It also allows UM to train students who are literate in the most recent learning and research skills. The Department of Modern Languages and Literatures is very pleased to support this initiative.

UNIVERSITY
OF MIAMI

Department of English P.O. Box 248145 Ph 305-284-2182
Coral Gables, Florida 33124-4632 Fax 305-284-5635

MEMORANDUM

To: Leonidas Bachas, Dean, College of Arts and Sciences
Guillermo Prado, Dean, Graduate School

From: Tim Watson, Chair, Department of English

Date: March 4, 2019

Re: Digital Humanities Graduate Certificate

I write as chair of the Department of English to offer my strong and unqualified support for the proposal to create a Graduate Certificate in Digital Humanities for PhD students in English, History, and Modern Languages and Literatures. At a department meeting on Thursday February 28, the faculty of the English Department enthusiastically endorsed this proposal.

This concentration builds on the growing strength in Digital Humanities in the College of Arts and Sciences and will formalize and enhance the reputation of the University of Miami in this field. The concentration will be of great benefit to current PhD students across the three departments and will allow us to better recruit the strongest students in Digital Humanities at the admissions stage.

The certificate aligns well with the University's Roadmap to Our New Century and to the College of Arts and Sciences' Impact 2025 strategic plan, which emphasizes collaborative teaching and research and the creation of a digital scholarship and data science initiative. The English Department is very happy to support this initiative.

UNIVERSITY
OF MIAMI

History
P O Box 248107
Coral Gables, Fl 33124

Phone: 305-284-3660
Fax: 305-284-3558

28 February 2019

I write to express the support of the Department of History for the establishment of an interdisciplinary graduate certificate in digital humanities as described in the document "Graduate Certificate in Digital Humanities." This certificate program will extend the University of Miami's ongoing efforts to advance programs in digital scholarship and will provide our Ph.D. students with important, perhaps even necessary, skills for their future academic careers.

Sincerely,

Mary Lindemann

Professor and Chair

Department of History

Subject: DH Concentration

Date: Friday, October 11, 2019 at 1:56:55 PM Eastern Daylight Time

From: Lindemann, Mary

To: Tobin, Maryann Tatum

CC: Manzor, Lillian

Today (11 October 2019), the Department of History met to discuss the DH Concentration. The members of the Department voted unanimously to support its implementation.

Mary Lindemann
President-Elect, American Historical Association
Professor and Chair
Department of History
University of Miami
Coral Gables, FL 33124-4662
Tel: 305 284-3660

UNIVERSITY
OF MIAMI

Department of Geography and Regional Studies
1300 Campo Sano
University of Miami
Coral Gables, FL 33124-2221

March 8, 2019

To: Professor Allison Schifani

From: Doug Fuller, Interim Department Chair

Re: Support for Proposed Graduate Certificate in Digital Humanities

I am writing on behalf of my Department to express my strong support for the proposed Graduate Certificate in Digital Humanities that is being put forward by the Departments of English, History, and Modern Languages and Literatures. As you know, The Department of Geography and Regional Studies offers a range of graduate courses related to the proposed certificate, particularly in geographic information systems (GIS), digital cartography, satellite image processing, and WebGIS. With seven full-time faculty who teach courses in geospatial technology, we routinely offer introductory and intermediate graduate courses in GIS every semester and our department maintains an open 40-seat GIS laboratory with state-of-the-art hardware and software to help students across the College advance their knowledge and research using GIS and image-processing tools. We also have a full-time GIS lab manager who maintains the lab and is available to assist students, faculty, and staff with their digital-mapping projects.

We would welcome all students enrolled in your proposed certificate program who elect to take our GIS courses and will be happy to discuss with you ways that we can tailor specific courses for digital humanists if the need arises. I look forward to working with you and other colleagues in the digital humanities to help make your proposed certificate a success and will be glad to answer any specific questions you may have about our curriculum and other resources for delivering GIS instruction to graduate students at UM.

UNIVERSITY OF MIAMI
LIBRARIES

Elizabeth M. Gushee
Associate Dean, Digital Strategies
1300 Memorial Drive, Suite 333
Coral Gables, Florida 33146

P: 305-284-3551
F: 305-284-4027
egushee@miami.edu

Leonidas Bachas
Dean of the College of Arts and Sciences
Ashe Administration Building
1252 Memorial Dr, Room 227
Coral Gables, Florida 33146-2509

Dear Dean Bachas,

I am writing on behalf of the University of Miami Libraries in support of the new Graduate
Certificate in Digital Humanities being proposed by the College of Arts & Sciences.

Scholarship in the humanities is being transformed by digital technologies. Scholars in the field
of digital humanities are using computers to analyze and visualize text, preserve and curate
cultural heritage electronically, and to make this scholarship accessible worldwide. University
libraries have taken an active role in support of digital scholarship by teaching digital tools and
methods, providing instruction for data management, and by investing in the technological
infrastructure to ensure long-term access to digital scholarship. The University of Miami
Libraries are no exception. The Libraries' Digital Scholarship unit includes faculty with domain
expertise in digital humanities, digital scholarship, data services, data management, and GIS.
Additionally, UML's Scholars' Lab provides a 12-seat learning space for qualitative and
quantitative analysis, digital humanities and digital scholarship training, and project work.
Lastly, the Libraries' freely-available digitized corpus of primary sources, drawn from the diverse
resources of its special collections and archives, provide a wealth of content available for digital
analysis and inquiry.

We are enthusiastic about the addition of this certificate program to the growing catalog of
innovative programs offered at the University of Miami and we are happy to offer our support
in the form of instruction, resources, and collections for the program.

Sincerely,

Elizabeth M. Gushee
Associate Dean, Digital Strategies

UNIVERSITY OF MIAMI
SCHOOL of
COMMUNICATION

Cinema and Interactive Media   Phone: 305-284-6902
P.O.Box 248127   Fax: 305-284-5526
Coral Gables, FL 33124-2105   http://com.miami.edu

March 26th, 2019

I write to express the support of the Department of Cinema and Interactive Media for the establishment of a graduate certificate in Digital Humanities. This certificate is a major advancement at the University to promote interdisciplinary scholarship which will help take full advantage of the resources and increase the possibilities for innovation.

Sincerely,

Kim Grinfeder

Associate Professor
Director, Interactive Media Program
Department of Cinema and Interactive Media

UNIVERSITY OF MIAMI
SCHOOL of
COMMUNICATION

Journalism and Media Management   Phone: 305-284-5350
P.O. Box 248127   Fax: 305-284-5205
Coral Gables, FL 33124-2105   http://com.miami.edu

March 11, 2019

Susanna Allés Torrent
Assistant Professor
Modern Languages & Literatures
University of Miami

RE: Support for Graduate Certificate

Dear Susanna:

I chair the University of Miami's Department of Journalism and Media Management (JMM) and I am writing to express my full support for the proposed Graduate Certificate in Digital Humanities. It is an excellent proposal. Let me know if you need anything further. Thank you.

Samuel A. Terilli,
Associate Professor and Chair, Department of Journalism and Media Management

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: Geoff Sutcliffe
           Chair, A&S Curriculum Committee

From: Kenneth Voss
           Sr. Assoc. Dean, College of Arts and Sciences

Subject: Certificate in Digital Humanities Support

Date: March 19, 2019

Dear Geoff,

Please allow this memo to serve as confirmation of the Dean's Office's support for the Certificate in Digital Humanities start up.

We have committed up to $20,000 in available start-up funds for the purchase of the required equipment and software, with additional annual funds that can be requested for program support. All spending will require the approval of the Senior Associate Dean for Research and Graduate Education, and the department has assured us that their collaboration with the Library will eliminate the need for duplicated software and materials. Annual budget requests will also need the approval of the Senior Associate Dean for Research and Graduate Education, in consultation with the Dean.

KV/mtt

UNIVERSITY OF MIAMI
GRADUATE SCHOOL

Graduate School
P.O. Box 248125
Coral Gables, FL 33124-3220

Phone: 305-284-4154
Fax: 305-284-5441
graduateschool@miami.edu

MEMORANDUM

DATE: September 24, 2019

TO: Linda Neider
Chair, Faculty Senate

FROM: Guillermo (Willy) Prado
Dean, Graduate School

SUBJECT: Proposal – Establish a Certificate in Digital Humanities

The College of Arts & Sciences submitted a proposal to establish a certificate in digital humanities. This proposal envisions the creation of an interdisciplinary graduate certificate in digital humanities to be earned in conjunction with the individual Ph.D. requirements for the Departments of English, History, and Modern Languages and Literatures. The proposal was discussed for a second time at the meeting of the Graduate Council on Tuesday, September 17, 2019, and was unanimously approved by those present.

CC: Leonidas Bachas, Dean, College of Arts and Sciences
Allison Schifani, Assistant Professor, Department of Modern Languages and Literatures
Lillian Manzor, Associate Professor, Department of Modern Languages and Literatures
Maryann Tobin, Executive Director of Programs, College of Arts and Sciences
Tiffany Plantan, Director of Education, Graduate School
Patty Murphy, Associate Provost for University Accreditation, Office of
Assessment and Accreditation

UNIVERSITY
OF MIAMI

Assessment and Accreditation   Phone: 305-284-5120
Gables One Tower 1320 S. Dixie Hwy   Fax: 305-284-4929
Coral Gables, Florida 33146   oaa.miami.edu

MEMORANDUM

DATE: August 28, 2019

TO: Maryann Tobin, Executive Director of Programs
               College of Arts and Sciences

FROM: Patty Murphy, Associate Provost for University Accreditation
               Office of Assessment and Accreditation

RE: <u>New (Graduate) Certificate in Digital Humanities</u>

On August 22, 2019, the College of Arts and Sciences notified my office of its intent to offer a new graduate Certificate in Digital Humanities effective Fall 2020. The proposed certificate program will be overseen jointly by the departments of English, History, and Modern Languages and Literature. The new certificate program will be open to students in any UM graduate program and may be counted toward their degree requirements with their program's approval.

The proposed certificate program will require successful completion of 9 credit hours. The program requirements include one required course, MLL 774 Practicum in Digital Humanities (3 credits), and the remaining six credits of approved Digital Humanities electives:

MLL771: Introduction to Digital Humanities
MLL772: Topics in Digital Humanities and Media Studies
MLL 773: Topics in Digital Humanities
ENG 695: Special Topics
ENG 682: Contemporary Criticism and Theory
GEG 691: GIS I
GEG 693: GIS II
GEG 692: Remote Sensing
GEG 680: Spatial Data Analysis I
GEG 681: Spatial Data Analysis II
GEG 645: Special Topics: Python for ArcGIS
CIM 613: Mobile Application Development
CIM 616: Building Virtual Worlds
CIM 624: Augmented Reality.
CIM 640: Intro to Creative Coding
CIM 661: 360 Immersive Storytelling
CIM 693: Dynamic Data
JMM622: Introduction to Infographics and Data Visualization
JMM629: Advanced Infographics and Data Visualization
JMM638: Infographics and Data Visualization Studio

The certificate program will be overseen by Allison Schifani, Assistant Professor of Digital Humanities in the Department of Modern Languages and Literatures. She has a Ph.D. in Comparative Literature at the University of California, Santa Barbara. Her dissertation involved digital humanities. She also completed a post-doc in Digital Humanities at Case Western Reserve University. She is a literature and media studies scholar and has published on digital literature as well.

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 program is a repackaging of existing courses. No new courses are being added.
- The proposed program will be supported by current qualified faculty.
- The proposed program will be overseen by a qualified faculty member, Dr. Allison Schifani.
- The University is currently approved to offer both of the programs included in the proposed dual degree program.
- The majority of the proposed program will not be offered via distance education and, in any case, the University is approved to offer 100% distance education programs.
- The proposed program will be offered on the University's Coral Gables campus.
- The graduate program covers the literature in the field through its elective coursework.
- The graduate program ensures ongoing student engagement in research and/or appropriate professional practice and training experiences through a required practicum course.

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 or (305) 284-3276.

CC: Faculty Senate
        Guillermo Prado, Dean of the Graduate School
        Leonidas Bachas, Dean of the College of Arts and Sciences
        Karen Beckett, University Registrar
        Carrie Glass, Executive Director of Student Financial Assistance and Employment

Proposal to Establish a Graduate Certificate in Digital Humanities

For the Departments of English, History, and Modern Languages and Literatures

This proposal envisions the creation of an interdisciplinary graduate certificate in digital humanities to be earned in conjunction with the individual Ph.D. requirements for the Departments of English, History, and Modern Languages and Literatures (MLL). The centering of the graduate certificate in these Ph.D. programs stems from the number of digital humanities-focused faculty and staff in the college, as well as the frequency with which faculty are now offering digital humanities-focused graduate seminars.

Students pursuing the graduate certificate will take a minimum of three DH-focused and/or digital methods courses (9 credit hours). All students pursuing the certificate will be required to take the DH practicum course (MLL 774). Students may fulfill the additional 6 credits required for the certificate by taking two other DH or digital methods courses of their selection, either selected from the current MLL and ENG DH offerings listed below, or from courses listed in appendix B. Students may also petition for a course outside of these offerings to fulfill these credit hours (i.e., the 6 remaining credit hours after taking the practicum course) on an *ad-hoc* basis. Such petitions will be evaluated by a committee of faculty members with expertise in digital scholarship in the humanities. Students will supplement this course work with a final, online portfolio showcasing their projects and research utilizing digital humanist methodologies, which will be reviewed by this same committee of DH faculty across departments. This portfolio will be an asset to students applying to both academic and non-academic jobs after graduation. Although the certificate is aimed at graduate students from English, History, and Modern Languages and Literatures, interested graduate students from other departments and disciplines will be welcome to pursue it. The certificate will be open only to graduate students at the University of Miami.

Why a Certificate in Digital Humanities?

The graduate certificate is the next step in the university's ongoing efforts to advance its resources in digital scholarship. These efforts have included the DH task force, the DH Interdisciplinary Research Group hosted through the Center for the Humanities, ongoing DH projects lead by faculty in the College of Arts and Sciences, the DH cluster hire, and the hiring of faculty and staff focused on the digital humanities and digital scholarship in the University Libraries.

This initiative aims to strengthen the current interdisciplinary efforts of the Departments of English, History, and Modern Languages and Literatures in digital humanities as well as the collaborative work already being done across departments on campus. The scholarly approach to computational methodologies has developed at the intersection of multiple disciplines, and faculty members across departments are committed to bringing these interdisciplinary methodologies to bear in their own scholarship and in the training of Ph.D. students. Graduate students working on the digital humanities already enroll in seminars and reading courses with faculty at UM across

departments, gaining valuable perspectives on their own fields of study. In providing a more formal structure for this interdisciplinary pedagogy, the graduate certificate in digital humanities will:

a. Enhance the ability of participating departments to recruit strong Ph.D. students working on and interested in digital humanities;

b. Enable participating departments to better prepare digital humanities-focused graduate students as both scholars and teachers;

c. Make participating students more competitive on both the academic and "alt-ac" job markets.

The graduate certificate is designed to provide students with a rigorous training in digital humanities and one that is also tailored to their particular research interests and areas of specialization. The learning outcomes expected for those students who complete the certificate include: a depth and breadth of knowledge about computational approaches to humanities scholarship; the ability to clearly articulate their own methodological approaches to digital projects they complete; an ability to intervene in and discuss the larger theoretical debates that have and continue to shape digital humanities scholarship; knowledge in multiple digital methods, digital tools, and project management skills that students may employ to answer research questions; and experience with working in cross-disciplinary collaborative research teams.

Additionally, offering a graduate certificate in digital humanities will place the University of Miami among an esteemed and growing group of institutions who offer similar graduate certificate programs. These include the University of California at Los Angeles, the University of North Carolina, Stanford University, the University of Victoria, Northeastern University, George Mason University, the University of Colorado at Boulder, and the University of Florida. Like the proposed graduate certificate at UM, these programs require at least 3 courses, and, like the proposed certificate here, most offer students the flexibility to petition to include a wide range of courses among their certificate courses. Many also require, or provide the option for students to pursue, the production of a research portfolio or final project showcasing the student's work in digital humanities.

Departmental Strengths in Digital Humanities

The University of Miami is recognized internationally for the Cuban Theater Digital Archive, an ongoing digital humanities project. The archive has been awarded three grants from the Andrew W. Mellon Foundation and is utilized by scholars, teachers, and students in Performance Studies, Cultural Studies, and History. Headed by Dr. Lillian Manzor in MLL, it has already proven to attract graduate students and researchers from around the globe to UM. Our digital collections in the University of Miami Libraries are also internationally known and provide rich sites for digital humanities projects.

The Modern Languages and Literatures Department, the English Department, and the University of Miami libraries have all made recent hires in the digital humanities, expanding the possibilities for DH work at the University. Furthermore, our faculty, with a particular interest in transcultural and transnational connections across the hemisphere and the Atlantic world, fills a gap in digital humanities scholarship at large by utilizing digital methodologies to approach literature, culture, and history from across the Americas and beyond.

Department of English: Dr. John Funchion is currently working on two digital humanities projects: [alt]periodicals, an online archive of 19th-century radical publications; and "Systems Approach to Controlling the Online Rise of Extremism—SCORE," a project recently funded through the U-Link program.

Dr. Lindsay Thomas publishes and teaches on contemporary US literature, cultural and media studies, and the digital humanities. She is a co-director of the WhatEvery1Says project, a digital humanities project that uses methods in machine learning to discover large-scale trends in contemporary public discourse about the humanities. WhatEvery1Says has received a 3-year grant from the Andrew W. Mellon foundation for $1.1 million (2017-2020) and is currently employing five graduate student research assistants from the Departments of English and History.

Department of History: Dr. Krista Goff employs digital humanities skills to enrich her scholarship and teaching. She has cultivated and georeferenced an extensive collection of Soviet ethnographic maps for her current manuscript project. She is also using archival sources to create maps for an article that she is currently writing about a significant Soviet-era migration event in the South Caucasus. In classroom projects, both Professor Goff and Professor Eduardo Elena have introduced their students to digital cartography and visualization tools to enhance their research, critical thinking, and presentation skills.

Department of Modern Languages and Literatures: Alongside Dr. Manzor's ongoing work on the Cuban Theater Digital Archive and her expertise in digital humanities scholarship, two recent tenure-track hires in the department have brought additional pedagogical and research training in digital humanities to UM.

Dr. Susanna Alles-Torrent specializes in Medieval and Early Modern Iberia, translation studies, textual scholarship and philology, and she has expertise in several aspects of digital humanities, especially, scholarly digital editions, electronic text analysis, and digital lexicography. She has already collaborated with several DH certificate programs in Digital Editing, at the Universidad Nacional de Educación a Distancia and at the Universitat Oberta de Catalunya. She has participated in multiple DH projects and secured two grants from the European Association for Digital Humanities, and, conjointly with prof. Thomas, has recently organized a Pedadogy Workshop on GIS in the classroom, supported by the College of Arts & Sciences at UM.

Dr. Allison Schifani has worked on developing curriculum in the digital humanities both here at UM and at her previous post as the Postdoctoral Scholar in the Digital Humanities at the Baker-Nord Center for the Humanities at Case Western Reserve University. She has incorporated GIS and StoryMaps projects specific to Miami in her undergraduate courses and has taught both digital humanities and media studies at the graduate level during her tenure here. Dr. Schifani also works

in a collaborative she co-founded with architects and visual artists, SPEC, which is devoted to urban studies, and through which she employs several digital methods. She is a literature and media studies scholar and has published on digital literature as well.

Beyond the Departments of English, History, and Modern Languages and Literatures, students pursuing the graduate certificate will be able to take graduate courses in other departments that may be relevant to their research (see appendix B). The **School of Communication** has many courses in digital methods, design, programming, and data visualization that are relevant to practitioners of digital humanities, while the **Department of Geography** has courses in Geographic Information Systems relevant to students interested in geospatial humanities.

UM Libraries Resources in Digital Humanities

University of Miami Libraries have established a Digital Scholarship Unit consisting of Elizabeth Gushee (Associate Dean of Digital Strategies), Abe Parrish (GIS Librarian), and Dr. Cameron Riopelle (Data Services Librarian). Members of this unit work both individually and collaboratively to support students and faculty engaging with digital humanities research.

The UM Libraries are active participants in several ongoing national projects that support digital humanities research. They are active contributors to the Digital Public Library of America through the Sunshine State Digital Network and are part of the Hathi Trust Partnership. UM Libraries faculty members collaborate with the Department of Communications and the Center for Computational Science to host the Digital Humanities + Data Journalism Symposium each year. In spring of 2017, the Libraries released the La Gaceta dataset in conjunction with the Institute of Museum and Library Services-supported Collections as Data project.

Other Resources, Opportunities, and Networks in Digital Humanities at UM and in Greater Miami

Beyond the strengths of these CAS departments and the UM Libraries in Digital Humanities, other university resources plus our location in Miami make UM an ideal site for this graduate certificate. Graduate students will have the opportunity to take part in the work of the **Florida Digital Humanities Consortium**, which includes faculty and library staff from the University of Florida, Florida International University, and eight other institutions of higher education across the state, including UM.

Graduate students participating in the graduate certificate program will also have the chance to take part in lectures, workshops, symposia, and conferences sponsored by the **Center for the Humanities** and its Interdisciplinary Research Group in Digital Humanities.

The annual **Digital Humanities and Data Journalism** conference, hosted at the University of Miami, is an additional resource to students pursuing the graduate certificate and interested in digital scholarship. It brings leading thinkers and practitioners in both fields to UM under the

direction of Alberto Cairo, the Knight Chair in Visual Journalism at the university's School of Communication.

The **Center for Computational Science** is also a resource which students and faculty may take advantage of as they engage in digital humanities scholarship, broadening possibilities for collaboration across not only humanities departments, but across the sciences as well.

Through the College of Arts and Sciences' **UGrow (Graduate Opportunities at Work) Program** graduate students have the opportunity to apply for nine-month placements in non-teaching units at the university or in off-campus organizations, in place of their regular teaching assistantship assignments. These placements provide training and experience in fields that will appeal to future employers both inside and outside academia, including librarianship and archive management; museum curation and collection development; and data analysis. Since 2015, students have worked on Digital Humanities projects in the **University of Miami Libraries,** through the **Center for Computational Science,** and in the **History Miami Museum**.

UM is also a partner institution with the **Digital Library of the Caribbean,** allowing students great access to digital materials specific to the Caribbean. Given our graduate students' and faculty investment in the region, these collections and digital humanist approaches to them will prove fruitful resources and scholarship. UM will be hosting a UGrow fellowship at the Digital Library of the Caribbean in 2019-2020.

In addition, graduate students have the chance to take advantage of the rich permanent collections of the **Lowe Art Museum**.

Our graduate students are also eligible to take courses at FIU — extending the digital humanities-focused offerings available to them — and to take advantage of FIU's rich library resources.

There is also a long history of UM faculty and graduate student collaboration with institutions in greater Miami such as the **Black Archives History & Research Foundation, HistoryMiami Museum, Little Haiti Cultural Center, Pérez Art Museum Miami,** and the **Wolfsonian-FIU**. Students pursuing the graduate certificate will find that their opportunities for study and research extend well beyond campus borders, particularly as they will gain new skills and methodological approaches to a broad range of cultural texts.

Already Existing Sources of Support for UM Graduate Students in Digital Humanities

In addition to the support provided by the concentration and by their own departments, graduate students will be eligible to seek research funding from these internal sources:

University of Miami Institute for Advanced Study of the Americas: UMIA Field Research Grants; UMIA Distinguished Fellowships

College of Arts and Sciences: Academic Year Dissertation Award; Max and Peggy Kriloff Student Travel Scholarships; Summer Research Fellowships

Center for the Humanities: CH Dissertation Fellowships

U-LINK: University of Miami Laboratory for Integrative Knowledge

Administration of the Proposed Certificate in Digital Humanities

Modeled after the successful Early Modern Studies concentration, the Graduate Certificate in Digital Humanities will be coordinated by a committee of DH-focused faculty members from English and Modern Languages and Literatures and digital humanities specialists in the University Libraries, in conjunction with the Directors of Graduate Studies in each department. No additional faculty lines will be required for the graduate certificate as there is already a strong cluster of DH-focused faculty teaching in the College of Arts and Sciences as well as in other schools and colleges. Nor will new courses need to be developed. See Appendices A and B for a listing of current DH-related graduate courses offered in English, Modern Languages and Literatures, and other departments on campus. The list of eligible courses will be updated each year and students can petition for graduate courses in other departments to be considered for inclusion.

Budget

Start-up funds have been committed by the Dean's Office to purchase computers and software that is not provided by the Library. Subsequent annual funds may be requested by the DH concentration faculty for the first three years of the program, with the approval of the Senior Associate Dean for Research and Graduate Education. Once the program has achieved its steady state (Year 4), the budget will be revisited.

Appendices

Appendix A: Current Graduate Course Offerings in Digital Humanities in English, and Modern Languages and Literatures

MLL771: Introduction to Digital Humanities

MLL772: Topics in Digital Humanities and Media Studies

MLL 773: Topics in Digital Humanities

MLL 774: Digital Humanities Practicum

ENG 695: Special Topics

- Lindsay Thomas and Allison Schifani co-taught this course as an introduction to digital humanities course in Spring 2017.

ENG 682: Contemporary Criticism and Theory

- Lindsay Thomas taught this course as an introduction to concepts in humanities data analysis course in Spring 2019.

Appendix B: Additional Courses in Digital Methods Applicable to the Certificate

GEG 691 GIS I

GEG 693 GIS II

GEG 692 Remote Sensing

GEG 680, Spatial Data Analysis I

GEG 681, Spatial Data Analysis II

GEG 645 Special Topics: Python for ArcGIS

CIM 613: Mobile Application Development

CIM 616: Building Virtual Worlds

CIM 624: Augmented Reality.

CIM 640: Intro to Creative Coding

CIM 661: 360 Immersive Storytelling

CIM 693: Dynamic Data

JMM622 - Introduction to Infographics and Data Visualization

JMM629 - Advanced Infographics and Data Visualization

JMM638 - Infographics and Data Visualization Studio

Appendix C: English, History, and Modern Languages and Literatures Faculty Who Teach Graduate Courses in Digital Humanities

English

Lindsay Thomas, Assistant Professor: Contemporary American Literature, cultural studies, Digital Humanities. Professor Thomas is also the recipient of a Mellon Grant for her ongoing work in the collaborative Digital Humanities project, WhatEvery1Says.

History

Krista Goeff, Assistant Professor: Soviet history, empire, nationalism, Digital Humanities

Modern Languages and Literatures

Susanna Allés Torrent, Assistant Professor: Digital Humanities, Medieval and Renaissance Studies, Critical Digital Editions

Lillian Manzor, Associate Professor, Founding Director of the *Cuban Theater Digital Archive*: Digital Humanities, Caribbean, Latin American and Latinx cultures; theater in Cuba and Cuban theater in Miami; performance studies; digital humanities; gender studies; literature and the visual arts.

Allison Schifani, Assistant Professor: Digital Humanities, media studies, urban studies, ecocritcism, 20th and 21st Century Literature of the Americas

Appendix D: Additional faculty with expertise in Digital Humanities

Computer Science

Mitsu Ogihara, Professor: Data mining, information retrieval, network traffic data analysis, music information retrieval, Digital Humanities

School of Communication

Alberto Cairo, Professor: Data Visualization, Digital Journalism, Info-graphics, Digital Humanities