



UNIVERSITY OF MIAMI GRADUATE PROGRAMS IN PUBLIC HEALTH

FINAL SELF-STUDY REPORT
SEPTEMBER 2021

Prepared for the Council on Education for Public Health



Actively Working Internationally, Nationally and Locally
to Promote Health and Reduce the Burden of Disease

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Abbreviations and Acronyms

A

AACSB Intl – Association to Advance Collegiate Schools of Business International
ABA – American Bar Association
ABET-EAC – Accreditation Board for Engineering and Technology Engineering Accreditation Commission
ACE – American College of Epidemiology
ACGME – Accreditation Council for Graduate Medical Education
ADA-CODA – American Dental Association Commission on Dental Accreditation
AMCAS – American Medical College Application Services
AMTA – American Music Therapy Association
APA – American Psychological Association
APHA – American Public Health Association
APT – Appointment, Promotion, Tenure
APTA-CAPTE – American Physical Therapy Association Commission on Accreditation in Physical Therapy Education
ASPPH – Association of Schools and Programs in Public Health

B

BEAM – Building Expertise in Administration and Management
BST - Biostatistics

C

C²W² – Climate Change, Weather, Weather Anomalies
CAAC – Community Academic Advisory Committee
CAATE – Commission on Accreditation of Athletic Training Education
CAHME – Commission on Accreditation of Healthcare Management Education
CAMPEP – Commission on Accreditation of Medical Physics Education Programs, Inc.
CBPR – Community Based Participatory Research
CCNE – Commission on Collegiate Nursing Education
CDC – Centers for Disease Control and Prevention
CEA – Commission on English Language Program Accreditation
CEPH – Council on Education for Public Health
CIM – Curriculum Information Management System
CFAR – Center for AIDS Research
CHARM – Center for HIV and Research in Mental Health
CLIM – Climate and Health
COA – Council on Accreditation of Nurse Anesthesia Educational Programs
CRB – Clinical Research Building
CSTARS – Center for Southeastern Tropical Advanced Remote Sensing
CTN – Clinical Trials Network
CTSI – Clinical and Translational Science Institute
CV – Curriculum Vitae

D

DPHS – Department of Public Health Sciences
DOCS – Department of Community Service
DSCRC – Don Soffer Clinical Research Center

E

EDR – Executive Dean for Research
EMP – Enrollment Marketing Platform
EPH – Epidemiology and Public Health
EPI – Epidemiology
ESRF – Eastern-Atlantic Student Research Forum
ETD – Electronic Thesis and Dissertation

F

FDOE – Florida Department of Education
FIHI – Florida Institute for Health Innovation

G

GAOC – Graduate Administration and Operations Committee
GEPC – Graduate Executive Policy Committee
GRE – Graduate Record Examination
GSA – Graduate Student Association

H

HEED – Higher Education Excellence in Diversity
HEIDI – HIV/AIDS and Emerging Infectious Disease Institute

I

IDC – Indirect Cost
IDEA Exchange – Infectious Disease Elimination Act Exchange
IELTS – International English Language Testing System
IRB – Institutional Review Board
IT – Information Technology
ITS – Interdisciplinary Team Science

J

JD – Juris Doctorate
JMH – Jackson Memorial Hospital
JOLT – Joint Operations Leadership Team

K

L

LCME – Liaison Committee for Medical Education
LIFE – Learning Innovations and Faculty Development
LMSA – Latino Medical Student Association
LSAT – Law School Admission Test

M

MAIA – Master of Arts in International Administration
MALAS – Master of Arts in Latin American Studies
MAPS – Minority Association of Pre-Health Students
MAST Academy – Maritime and Science Technology
MCAT – Medical College Admissions Test
MCH – Maternal Child Health
MD – Medical Doctorate
MD/MPH – Medical Doctorate/Master of Public Health joint degree
MPA – Master of Public Administration
MPH – Master of Public Health
MS – Master of Science
MSPH – Master of Science in Public Health
MTTG – Maximum Time to Graduate

N

NAAB – National Architectural Accrediting Board, Inc.
NAAHP – National Association for the Health Professions
NASM – National Association of Schools of Music
NCI – National Cancer Institute
NCURA – National Council of University Research Administrators
NIDA – National Institute on Drug Abuse
NIH – National Institutes of Health
NIST – National Institute of Standards and Technology
NNPHI – National Network of Public Health Institutes
NOAA – National Oceanic and Atmospheric Administration

O

OBC – Outcomes Based Contracting
OCCE – Office of Civic and Community Engagement
ODS – Office of Disability Services
OGS – Office of Graduate Studies
OPDCG – Office of Professional Development and Career Guidance
OSR – Organization of Student Representatives
OVPRS – Office of the Vice Provost for Research and Scholarship

P

PETAL – Platform for Excellence in Teaching and Learning
PERLA – Prevention Education and Research in Latin America
PhD – Doctor of Philosophy
PHSA – Public Health Student Association
PREV – Prevention Science and Community Health

Q

R

REDCap – Research Electronic Data Capture
RFP – Request For Proposal
RSMAS – Rosenstiel School of Marine and Atmospheric Sciences

S

SAAHP – Southeastern Association of Advisors for the Health Professions
SAC – Scientific Awards Committee
SACSCOC – Southern Association of Colleges and Schools Commission on Colleges
SCCC – Sylvester Comprehensive Cancer Center
SG – Student Government
SOPHAS – Schools of Public Health Application Service
SPARK-C – Surveillance Program Assessing Risk and Knowledge of Coronavirus
SRA – Society of Research Administrators
SUD – Substance Use Disorder
SURF – Summer Undergraduate Research Fellowship
SUSTAIN – SURge – STtructure-Atmosphere-INTERaction

T

TOEFL – Test of English as a Foreign Language

U

UHealth – University of Miami Health System

ULINK – University Laboratory for INtegrative Knowledge

UM – University of Miami

UMHC – University of Miami Hospital and Clinics

UMMSOM – University of Miami Miller School of Medicine

UNODC – United Nations Office of Drug and Crime

UPMDCC – Urban Partnership of Miami Dade County Coalition

V

W

WIAM – Women in Academic Medicine

X

Y

Z

Introduction

1) Describe the institutional environment, which includes the following:

a. Year institution was established and its type (e.g., private, public, land-grant, etc.)

The University of Miami (UM) is a private not-for-profit institution of higher learning established in 1925. Founded by a group of Miami citizens who believed that an institution of higher learning was necessary for the development of their young and growing community, the University has matured into a major research university and academic health system. Located within one of the most dynamic and multicultural cities in the world, the University is a distinctive community with a variety of races, ethnicities, customs, genders, and faiths. Its geographic location uniquely positions the University to be both local and global in outlook and outreach.

b. Number of schools and colleges at the institution and the number of degrees offered by the institution at each level (bachelor's, master's, doctoral and professional preparation degrees)

The University of Miami has 11 colleges and schools offering degrees: 135 bachelors, 146 masters, and 66 doctoral (62 research/scholarship and 4 professional practice). Three UM campuses and other facilities incorporate over 200 University-owned buildings totaling over 12 million gross square feet on over 400 acres of land. The Department of Public Health Sciences (DPHS) is located in the Miller School of Medicine; other UM schools and colleges are:

- School of Architecture
- College of Arts and Sciences
- Miami Herbert Business School
- School of Education and Human Development
- College of Engineering
- Frost School of Music
- Graduate School
- Law School
- School of Nursing and Health Studies
- Rosenstiel School of Marine and Atmospheric Sciences

c. Number of university faculty, staff and students

As of Fall 2020, the University of Miami employed 3,216 faculty (2,735 full-time, 481 part-time), 13,185 full-time and part-time staff, and a total of 17,809 students enrolled (11,334 undergraduate and 6,475 graduate). The student-to-faculty ratio is approximately 12 to 1.

Source: University of Miami Fact Book 2020 – 2021
<https://www.irsamiami.edu/assets/pdf/factbook.pdf>

d. Brief statement of distinguishing university facts and characteristics

Significantly improving its standing from the previous year, the University of Miami now ranks as the 49th best college in the nation, according to US News and World Report's 2021 Best Colleges issue, placing it back among the 50 top-tier colleges and universities.

Coral Gables Campus: The Coral Gables campus, located on 240-acres in suburban Coral Gables, FL, houses two colleges and seven schools with 120 buildings totaling 5,330,905 gross square feet (GSF) of academic facilities and 1,359,759 GSF in structured parking.

Several new facilities have opened on the Coral Gables campus this past year –the Lakeside Student Village provides 1,100 beds for students in a state-of-the-art building, the new Student Services Building is a “one-stop” center for student facing service departments, the Klotz Batting Facility, an indoor baseball batting facility, allows for year-round operations for the baseball team, and a new greenhouse for research that supports the mission of the Gifford Arboretum and the College for Arts and Sciences.

Projects under construction include the new Frost Institute for Chemistry and Molecular Sciences building for the College of Arts and Sciences, the Knight Recital Hall for the School of Music, and a new utility plant to serve campus infrastructure needs. The second phase of Student Housing, Centennial Village, is also in the planning stages.

Medical Campus: The Leonard M. Miller School of Medicine campus consists of 70 acres within the 153-acre University of Miami/Jackson Memorial Medical Center complex. The medical campus includes the University of Miami Health System (UHealth), which comprises Sylvester Comprehensive Cancer Center (the only NCI-designated cancer center in South Florida), Bascom Palmer Eye Institute, and UHealth Tower, operating within the University of Miami Hospital and Clinics (UMHC). Affiliated hospitals include Jackson Memorial Hospital, Holtz Children’s Hospital, the Miami Veterans Affairs Medical Center and multiple partner hospitals that form the Miller School’s Regional Medical Campus. Approximately three-dozen UHealth outpatient clinics are located in Miami-Dade, Broward, and Palm Beach and Collier counties. The Lennar Foundation Medical Center, a 206,000-square-foot multispecialty ambulatory care facility, opened on UM’s Coral Gables campus in December of 2016. Miller School faculty conduct nearly 2,000 research projects and close to 1,4000 UHealth physicians represent more than 100 specialties and subspecialties, with outcomes that are among the best in the nation.

The Miller School of Medicine continues to rank in the top 50 research medical schools, in the Best Graduate Schools published by U.S. News & World Report (2017 – 2021). The Miller School also rose to No. 40 of 147 schools ranked by the Blue Ridge Institute for Medical Research based on research grants received from the National Institutes of Health (fiscal year 2020). The Miller School of Medicine is the No. 1 most NIH-funded institution in Florida (Source: Blue Ridge Institute for Medical Research). Out of 28 departments within the Miller School of Medicine, the Department of Public Health Sciences is the 6th most NIH-funded and the Department of Public Health Sciences is No. 15 out of 46 public health departments within medical schools nationwide (Source: Blue Ridge Institute for Medical Research). In 2020, US News named the University of Miami’s Bascom Palmer Eye Institute the top ophthalmology hospital in the nation for the 19th time and the Miller School of Medicine’s Department of Otolaryngology No. 28 in the nation.

Rosenstiel School Campus: The Rosenstiel School of Marine and Atmospheric Science is one of the leading oceanographic research and education institutions in the nation. Located on an 18-acre waterfront campus on Virginia Key on Biscayne Bay, the Marine School’s main campus is part of a 65-acre marine research and education park that includes two U.S. Department of Commerce National Oceanic and Atmospheric Administration (NOAA) research laboratories and the MAST Academy, the Miami-Dade County magnet high school for marine science and technology.

Recent campus additions include the new 86,000 square-foot Marine Technology and Life Sciences Seawater Complex. The complex includes the one-of-a-kind Alfred C. Glassell Jr. SURge-STructure-Atmosphere-INteraction (SUSTAIN) building capable of simulating 3-D wind-wave flow and surge produced by Category 5 hurricane force winds in complex coastal conditions. The Marine Life Sciences building, also located within the complex, provides a dedicated space for the study of marine animals, the critical connections between oceans and human health and the impacts of evolving climate on marine organisms and ecosystems. This complex was made possible thanks to a federal grant from the National

Institute of Standards and Technology (NIST), in addition to generous gifts. The Rosenstiel School operates CSTARS (Center for Southeastern Tropical Advanced Remote Sensing) located on Richmond Facility in south Miami-Dade County, which conducts research with remotely sensed data received from earth-orbiting satellite systems. The research, education and outreach infrastructure is strengthened by the acquisition of Broad Key, a 63-acre island located in the Florida Keys. The facility provides students and a cadre of our world-class scientists with an ideal platform to launch field courses and conduct research that will help us to better understand Florida's complex marine ecosystems.

Dr. Julio Frenk, a noted leader in global public health and a renowned scholar and academic, was named the sixth president of the University of Miami in April 2015. He assumed his post on August 16, 2015, and during his first 100 days on campus launched an inclusive listening exercise, inviting students, faculty, staff, alumni, donors, and community leaders to share their ideas about the University of Miami and its future. That exercise led to the development of a comprehensive strategic plan, Roadmap to Our New Century, which is guiding the University down new avenues of opportunity and across new geographic and intellectual borders, while ensuring a sustainable platform for success. The Roadmap lays out a plan to deliver the university that Miami and the world will need in 2025 and beyond. It addresses acute operational issues, and it responds to critical trends and changing demands impacting our community and higher education. Four aspirations guide the vision for the future. The University of Miami aspires to be: the hemispheric university, the excellent university, the relevant university and the exemplary university. The University has embraced five strategic priorities: mission-driven research, education for life, preeminent academic health system, hemispheric leadership, and administrative excellence.

UM alumni live in all 50 states and 174 countries. There are 101,789 alumni residing in Florida, including more than 53,040 in Miami-Dade County. There are more than 215,400 alumni in the University's history.

e. Names of all accrediting bodies (other than CEPH) to which the institution responds. The list must include the regional accreditor for the university as well as all specialized accreditors to which any school, college, or other organizational unit at the university responds

Institutional membership accreditation is maintained with Southern Association of Colleges and Schools Commission on Colleges. In addition, the University of Miami holds accreditation from 19 other professional agencies that recognize specific programs:

- Accreditation Board for Engineering and Technology Engineering Accreditation Commission (ABET-EAC)
- Accreditation Council for Graduate Medical Education (ACGME)
- American Bar Association (ABA)
- American Dental Association Commission on Dental Accreditation (ADA-CODA)
- American Music Therapy Association (AMTA)
- American Physical Therapy Association Commission on Accreditation in Physical Therapy Education (APTA-CAPTE)
- American Psychological Association (APA)
- Association to Advance Collegiate Schools of Business International (AACSB Intl)
- Commission on Accreditation of Athletic Training Education (CAATE)
- Commission on Accreditation of Healthcare Management Education (CAHME)
- Commission on Accreditation of Medical Physics Education Programs, Inc. (CAMPEP)
- Commission on Collegiate Nursing Education (CCNE)
- Commission on English Language Program Accreditation (CEA)
- Council on Accreditation of Nurse Anesthesia Educational Programs (COA)
- Florida Department of Education (FDOE)
- Liaison Committee on Medical Education (LCME)
- National Architectural Accrediting Board, Inc. (NAAB)
- National Association of Schools of Music (NASM)

f. Brief history and evolution of the school of public health (SPH) or public health program (PHP) and related organizational elements, if applicable (e.g., date founded, educational focus, other degrees offered, rationale for offering public health education in unit, etc.)

The Graduate Programs in Public Health resides in the Department of Public Health Sciences at the Miller School of Medicine. The Miller School of Medicine, founded in 1952, was Florida's first medical school. The Leonard M. Miller School of Medicine now includes 21 clinical departments, 6 basic science departments, 45 centers and institutes, and 23 administrative groups, with more than 1,400 faculty members.

The Department of Public Health Sciences (formally known as the Department of Epidemiology and Public Health) was founded in 1970. The Department of Public Health Sciences has established a solid infrastructure consisting of five Divisions (established in 2010), all dedicated to addressing urgent societal public health needs through research and education programs. The five divisions are Biostatistics, Environment and Public Health, Epidemiology and Population Health Sciences, Health Services Research and Policy, and Prevention Science and Community Health.

The Graduate Programs in Public Health began with a Master of Science degree in 1980 and Master of Public Health degree in 1981, and established accreditation with the Council on Education for Public Health in 1982. The first doctoral program, in Epidemiology, was established in 1999, followed by the doctoral program in Biostatistics, established in 2010.

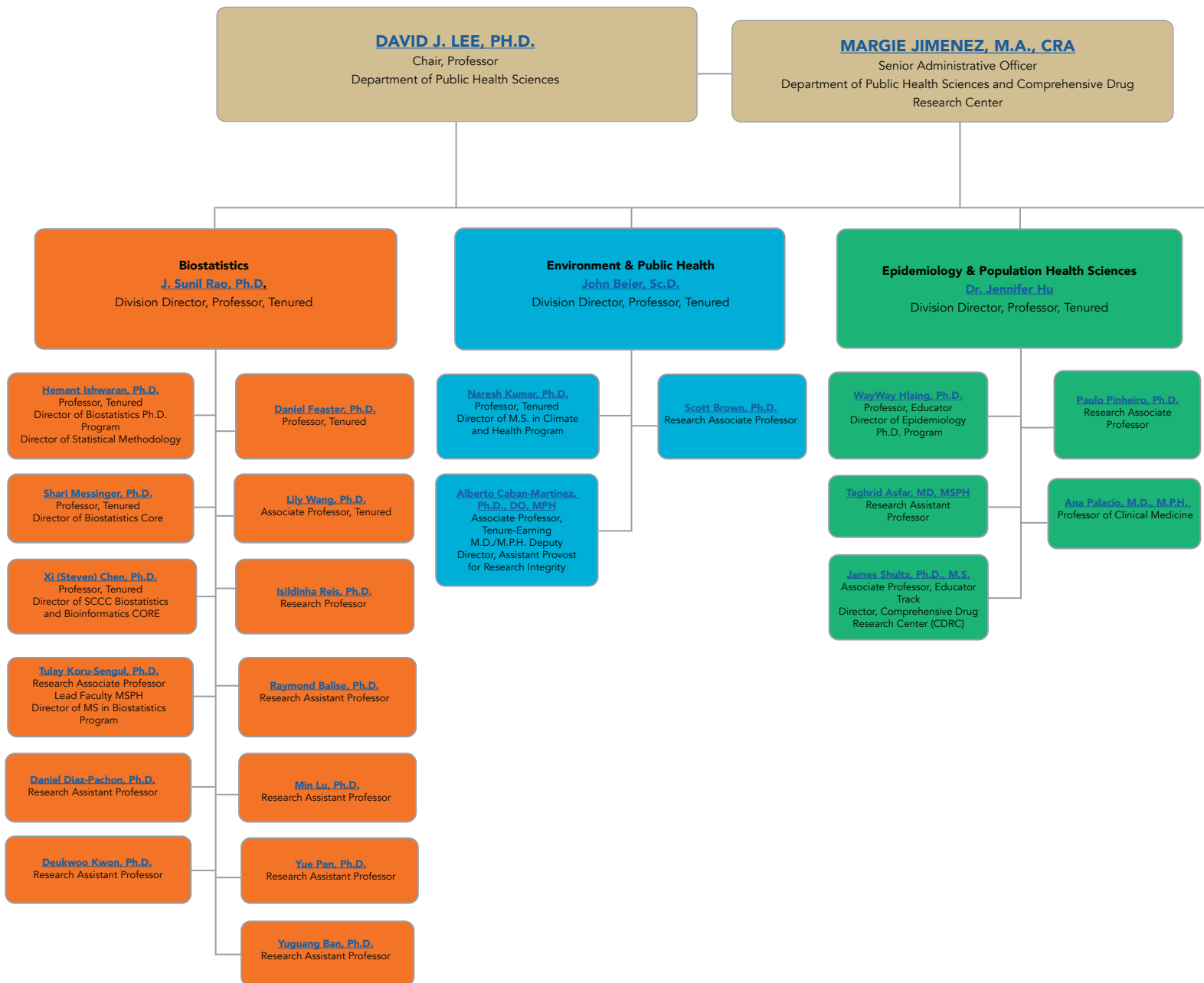
The Graduate Programs offers a distinct set of attributes to the prospective or continuing student in a culture that promotes interdisciplinary cooperation and collaboration, as evidenced in multidisciplinary research, service and teaching efforts. The degree program offerings in public health have expanded since the last re-accreditation cycle in 2014, with additional academic masters and doctorate degrees, joint public health degrees and certificate programs.

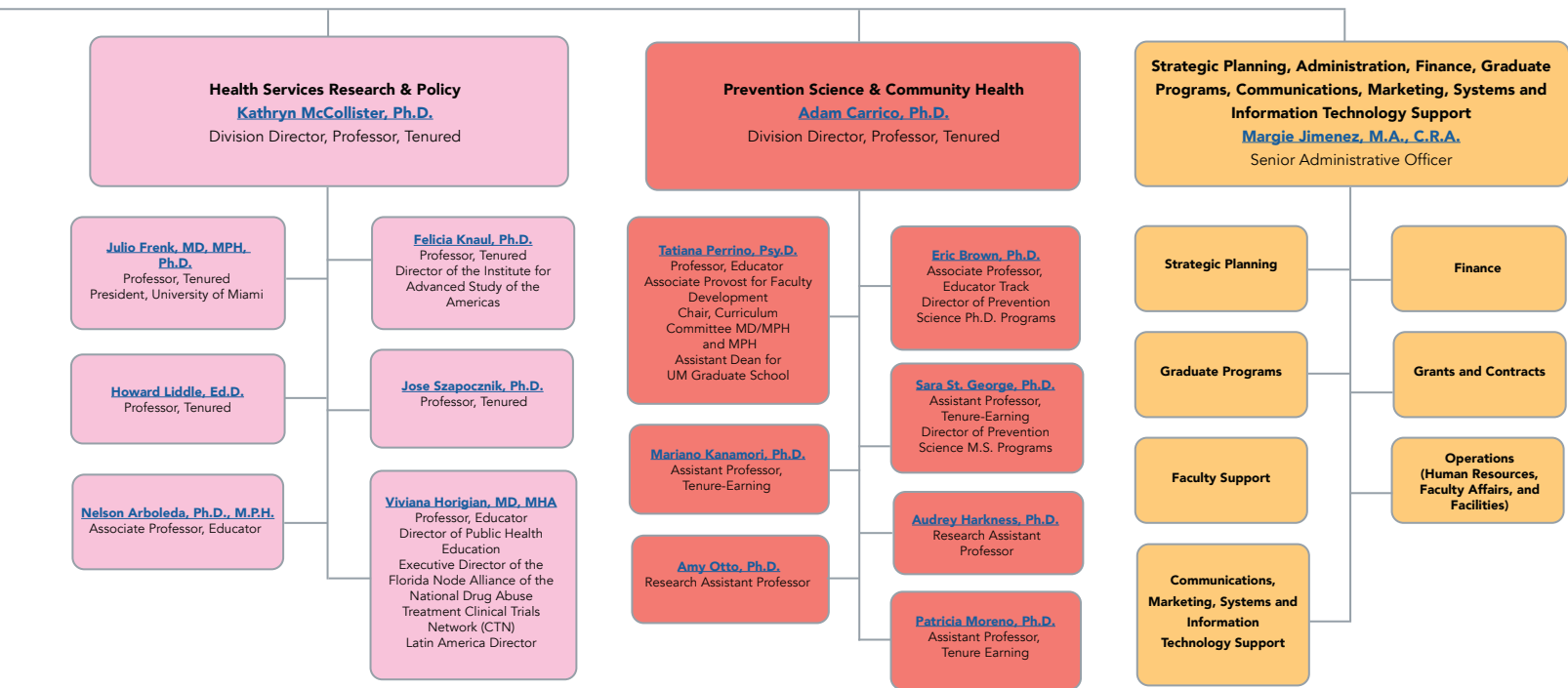
- Master of Latin American Studies (MALAS)/Master of Public Health (MPH) joint degree (established in 2014)
- PhD in Prevention Science and Community Health (established in 2015)
- Certificate of Building Expertise in Administration and Management (BEAM) (established in 2018)
- Master of Science in Prevention Science and Community Health (established in 2018)
- Master of Science in Climate and Health (established in 2019)

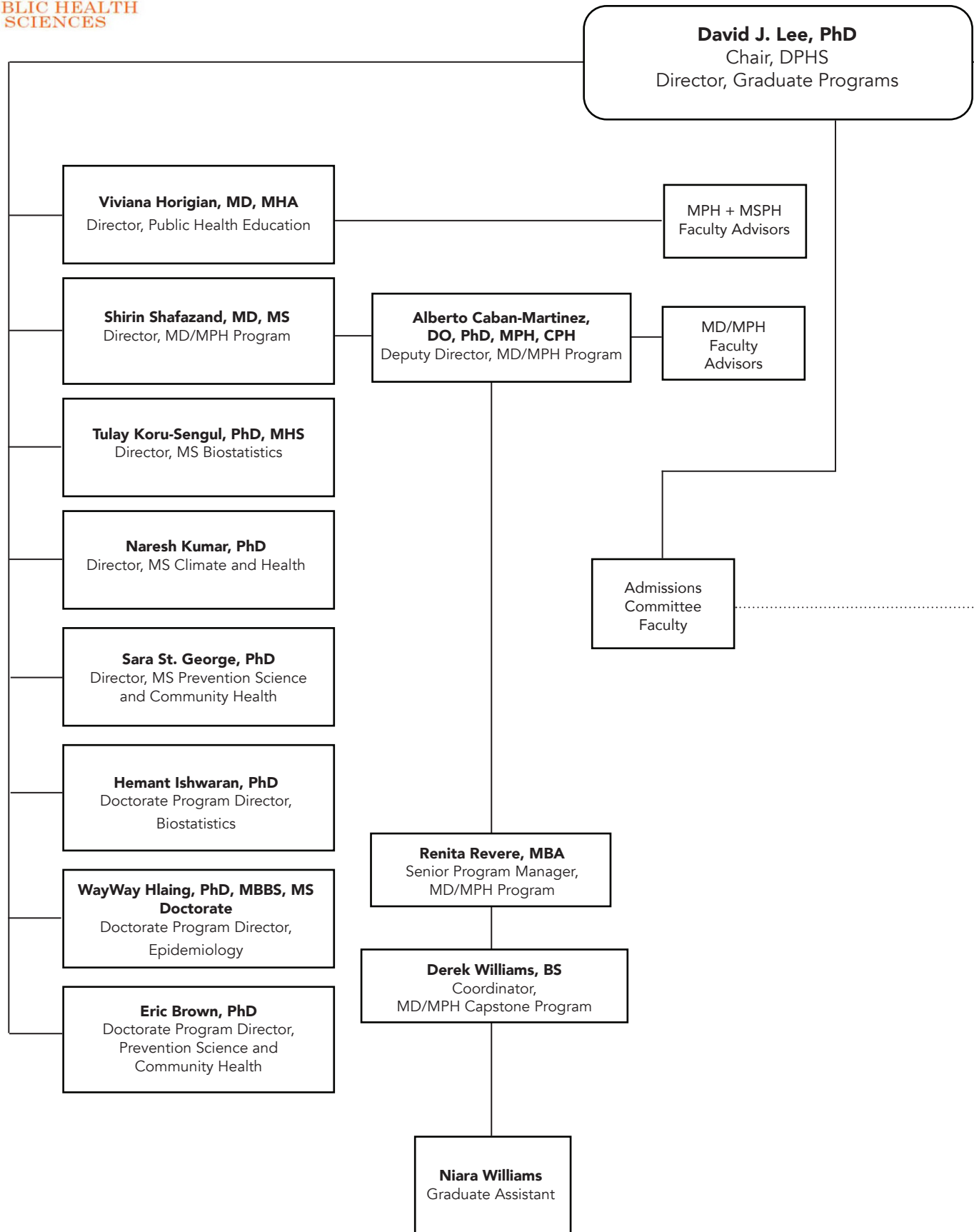
2) Organizational charts that clearly depict the following related to the school or program:

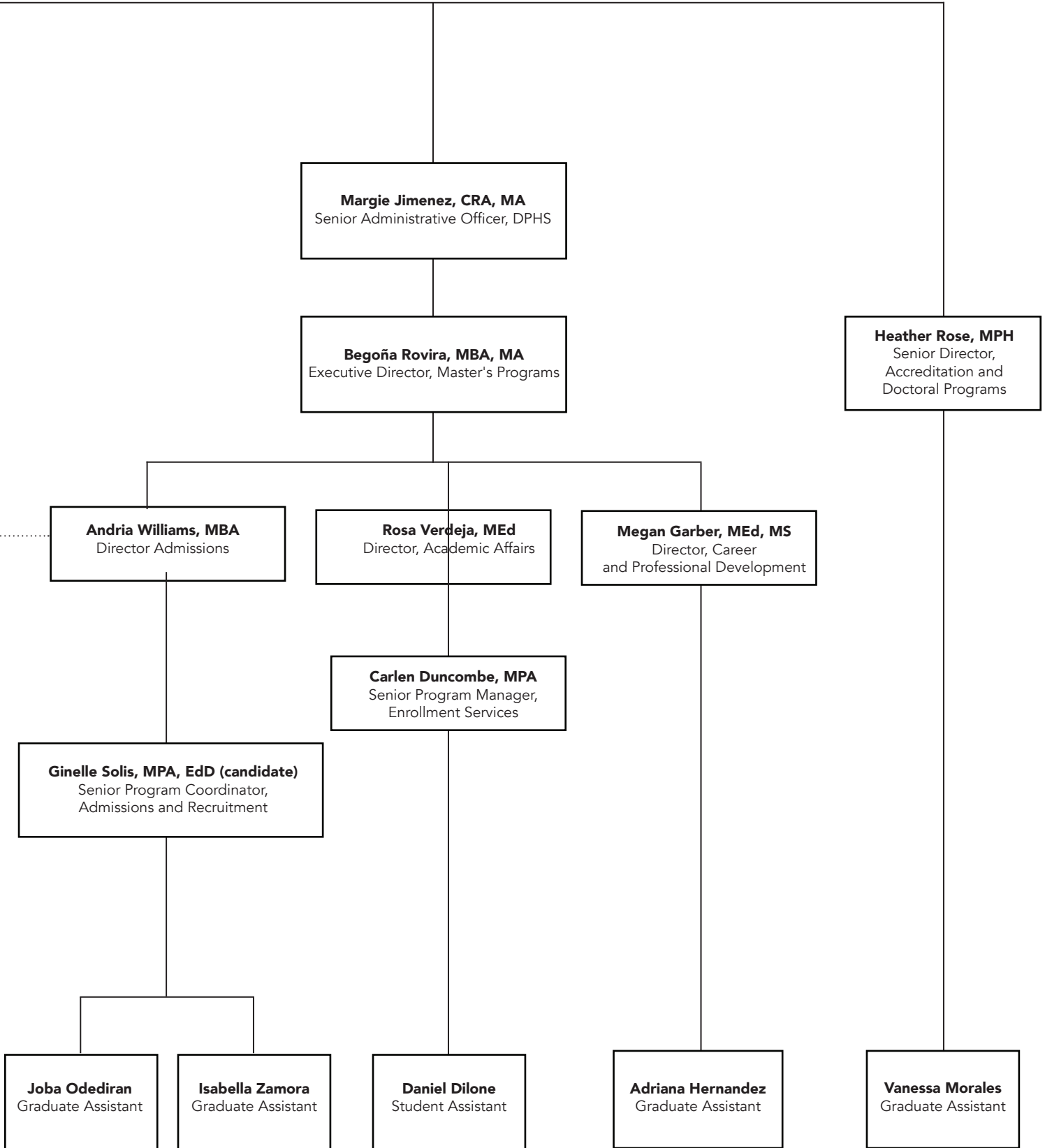
a. the school or program's internal organization, including the reporting lines to the dean/director

- Department of Public Health Sciences (DPHS) Organizational Chart and the Graduate Programs in Public Health Organizational Chart
- Full-size files of each organization chart for 2a and 2b are provided in the ERF Introduction.



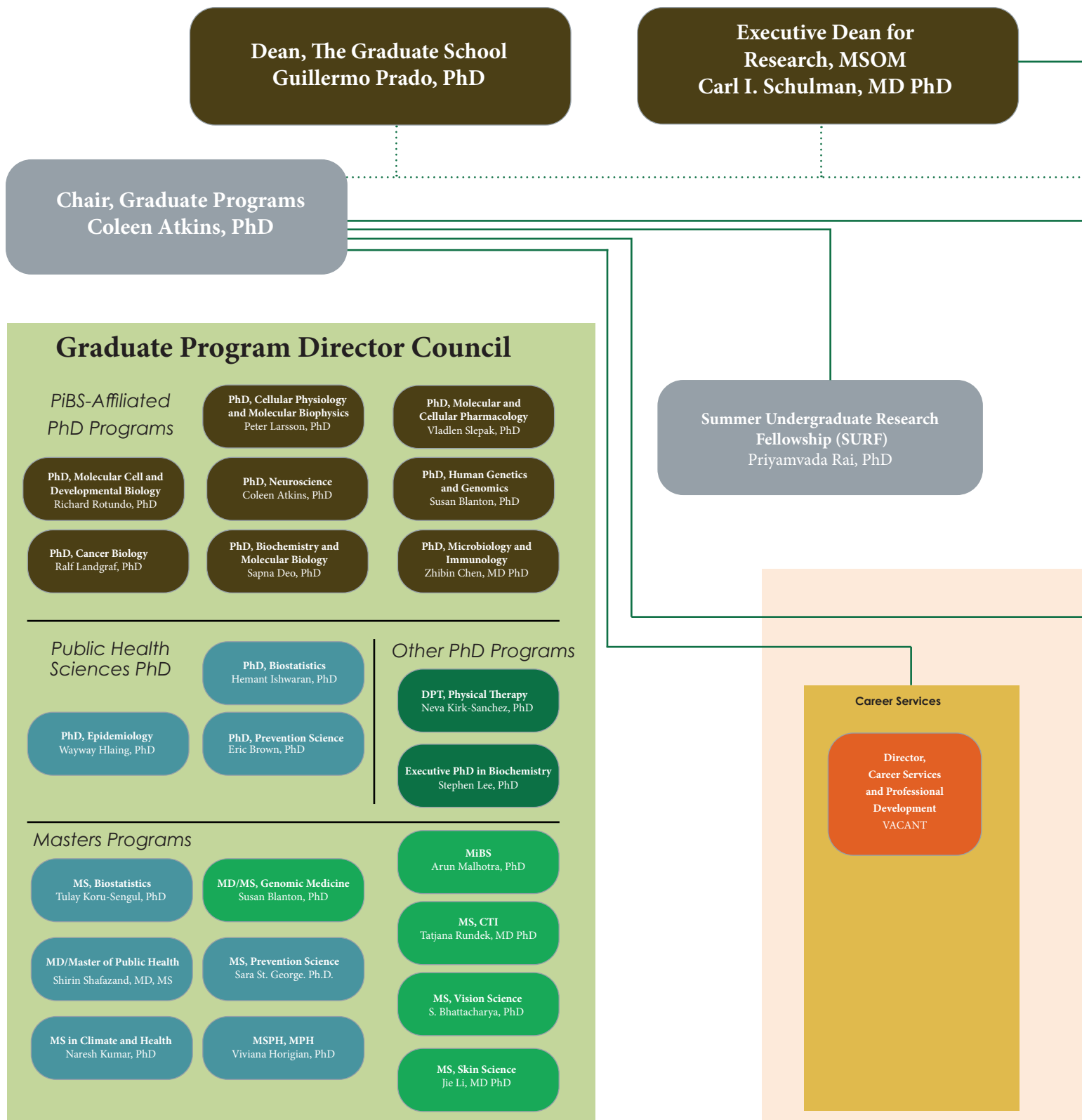






b. the relationship between the school or program and other academic units within the institution. For programs, ensure that the chart depicts all other academic offerings housed in the same organizational unit as the program. Organizational charts may include committee structure organization and reporting lines.

- Office of Graduate Studies (OGS) Organizational Chart (other bio-medical masters and doctoral), Medical Education Organizational Chart (MD), and University of Miami Organizational Chart
- Full-size files of each organization chart for 2a and 2b are provided in the ERF Introduction.



**Sr. Associate Dean for Basic
Science Research**
R. Grace Zhai, PhD

Graduate Programs Executive Committee

*The Executive Committee
provides shared decision
making for graduate educa-*

Vice Chair, Graduate Programs
Arun Malhotra, PhD

Director, MSTP
Sandra Lemmon, PhD

Director, PIBS
Pedro Salas, MD PhD

Assoc. Director, MSTP
Alessia Fornoni, MD, PhD

Assoc. Director, MSTP
Dan Liebl, PhD

PIBS Co-Director
George Munson, PhD

PIBS Curriculum
Ken Muller, PhD

Office of Graduate Studies (OGS)

Executive Director
Charles Lowman, MEd, MBA

Central Functions

**Director,
Enrollment Mgmt**
Matthew Brandon,
MBA, MS

**Assistant Director
MSTP and Diversity
Initiatives**
Santos Cayetano, MS

**Sr. Program Coordinator
Admissions
and Recruitment
Coordinator**
Schauri Dixon, MS

Program Support

**Sr. Program Coordinator
(PIBS)**
VACANT

**Sr. Program Coordinator
(Micro PhD, Cell Bio PhD)**
Theresa Votolato, MS

**Program Manager
(MiBS)**
Chris Presley, MEd

**Sr. Program Coordinator
(NEU PhD, PHY PhD)**
Maya Kono, MS

**Sr. Program Coordinator
(NEU PhD, PHY PhD)**
Maya Kono, MS

Affiliated Program Support Staff

**Program Manager
(Genetics PhD and MS)**
Laura Aladro

**Program Manager
(Exec PhD - BMB)**
Annalise Fernandez, MA

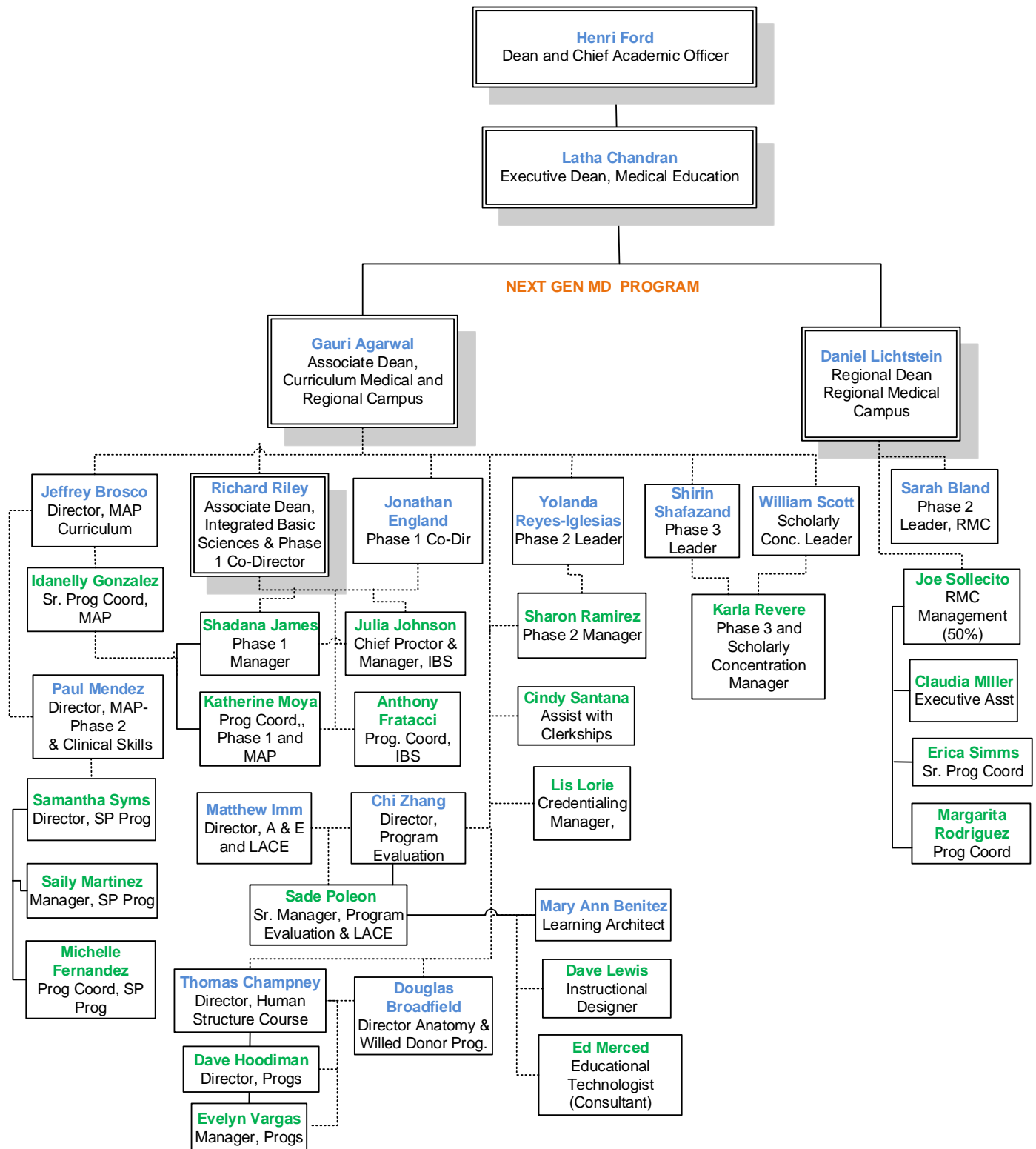
**Program Manager
(Vision Science MS)**
Eva Norton, MA

**Sr. Program Coordinator
(Cancer Biology PhD)**
Manuel Enriquez, MBA

**Program Manager
(Skin Science MS)**
Andrea Jimenez

**Sr. Program Manager
(Biochemistry PhD
and MS)**
Eileen Bello, MS

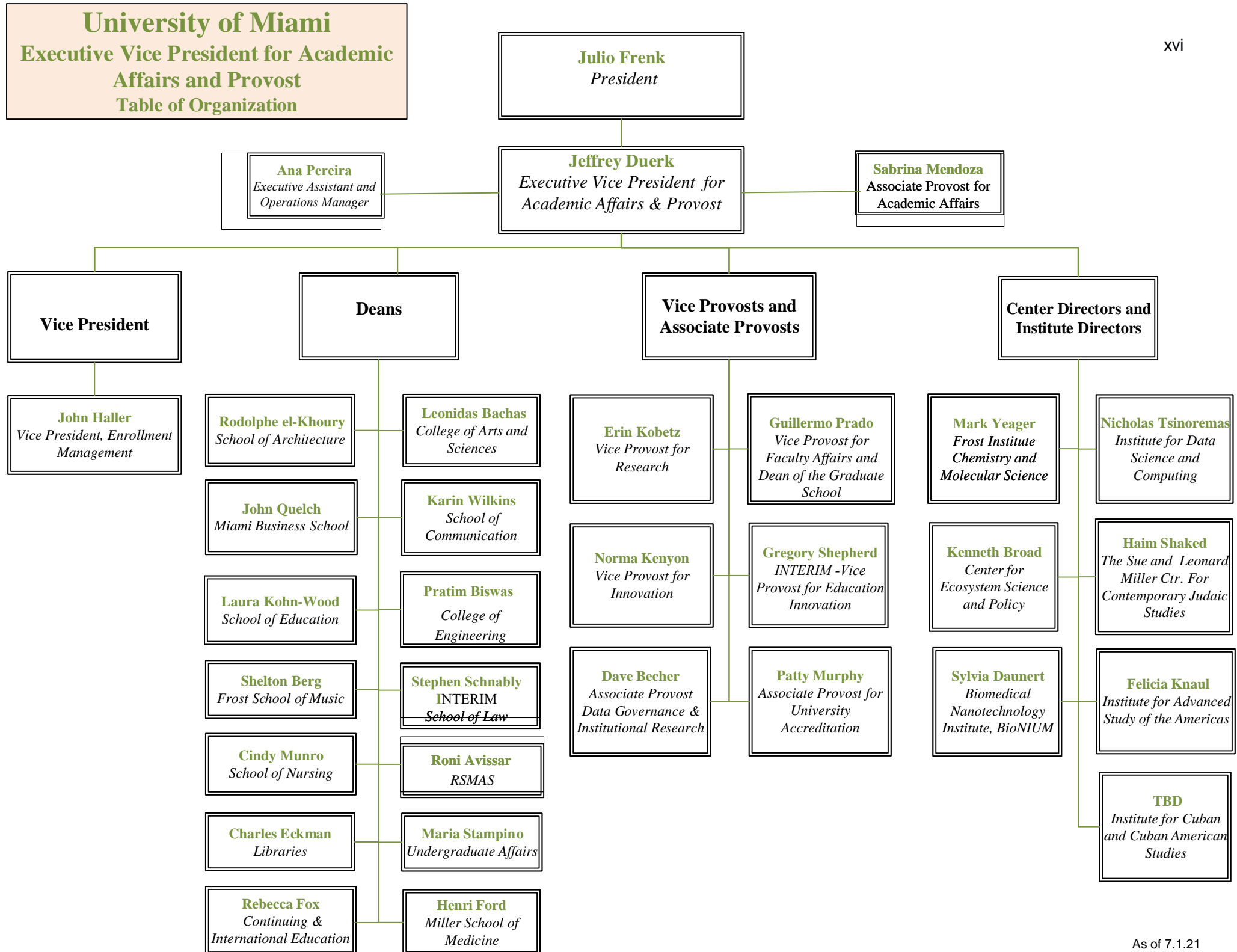
*These individuals report to departments
and centers outside OGS/EDR but have
responsibility for graduate programs.*



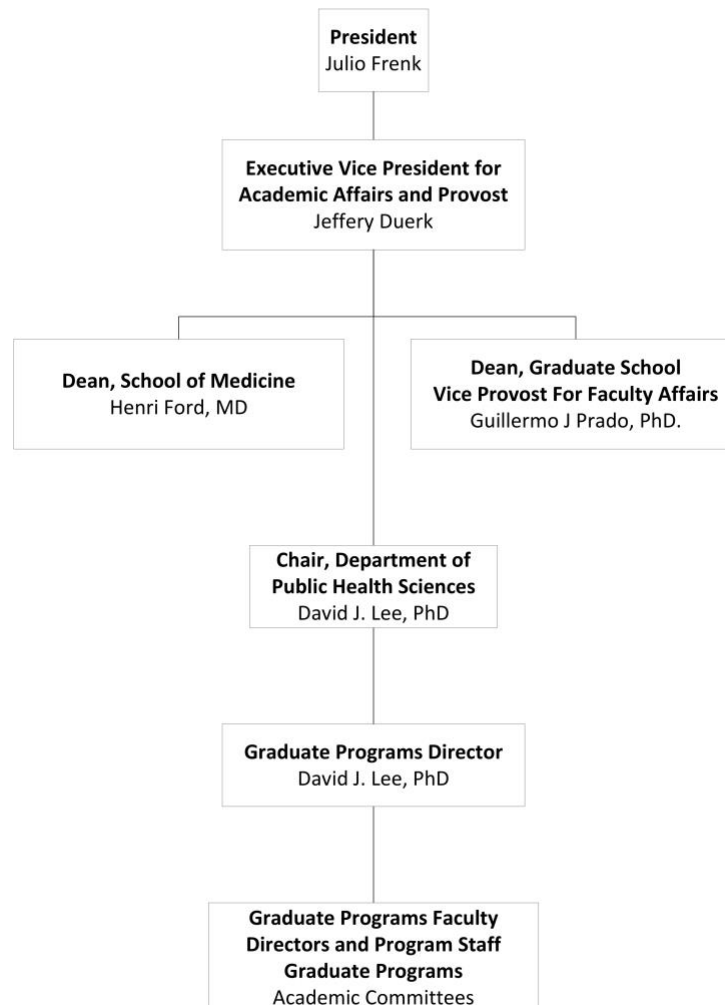
University of Miami

Executive Vice President for Academic Affairs and Provost

Table of Organization



c. the lines of authority from the school or program's leader to the institution's chief executive officer (president, chancellor, etc.) including intermediate levels (e.g., reporting to the president through the provost).



3) An instructional matrix presenting all of the school or program's degree programs and concentrations including bachelor's, master's and doctoral degrees, as appropriate. Present data in the format of Template Intro-1.

Template Intro-1. Instructional Matrix

Instructional Matrix—Degrees and Concentrations								
				Categorized as public health	Campus based	Executive	Distance Based	
Master's Degrees			Academic	Professional				
Generalist			MSPH	MPH	X	MSPH MPH		
Biostatistics			MS		X	MS		
Climate and Health			MS		X	MS		
Prevention Science and Community Health			MS		X	MS		
Doctoral Degrees			Academic	Professional				
Biostatistics			PhD		X	PhD		
Epidemiology			PhD		X	PhD		
Prevention Science and Community Health			PhD		X	PhD		
Joint Degrees			Academic	Professional				
	Existing concentration	Joint-specific concentration						
International Administration	Generalist			MPH/MAIA	X			
Latin American Studies	Generalist			MPH/MALAS	X			
Law	Generalist			MPH/JD	X			
Medicine	Biostatistics Epidemiology Prevention Science		PhD/MD		X			
Medicine		Public Health Physician		MPH/MD	X			
Public Administration	Generalist			MPH/MPA	X			

4) Enrollment data for all of the school or program's degree programs, including bachelor's, master's and doctoral degrees, in the format of Template Intro-2.

Template Intro-2. Enrollment Data (current as of Spring 2021)

Degree	Current Enrollment
Master's	
MPH - Generalist	87
MD/MPH - Generalist	201
MSPH - Generalist	25
MS – Biostatistics	7
MS – Climate and Health	3
MS – Prevention Science and Community Health	9
Doctoral	
PhD – Biostatistics	15
PhD – Epidemiology	11
PhD – Prevention Science and Community Health	18