

# MCOM GRADUATE PROGRAMS

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Education

# Office of Graduate Affairs- MCOM

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- Operates under the **USF Graduate School**, while maintaining some autonomy in MCOM.
- **PhD and MD/PhD programs** in MCOM
  - ~100 PhD students
- **MS programs**, concentrations, and certificate programs.
  - ~900 MS students
- **Postdoctoral Fellows**
  - MCOM ~44
  - Moffitt ~85

# **MCOM PhD Program**

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**Interdisciplinary (Umbrella) Recruiting Program**

**16-20 student matriculate/year**

**After rotating in labs, chose a program/Signature Program**

**Molecular Pharmacology and Physiology**

**Molecular Medicine**

**Pathology and Cell Biology**

**Signature Programs**

**Infectious Disease and Immunology**

**Neurosciences**

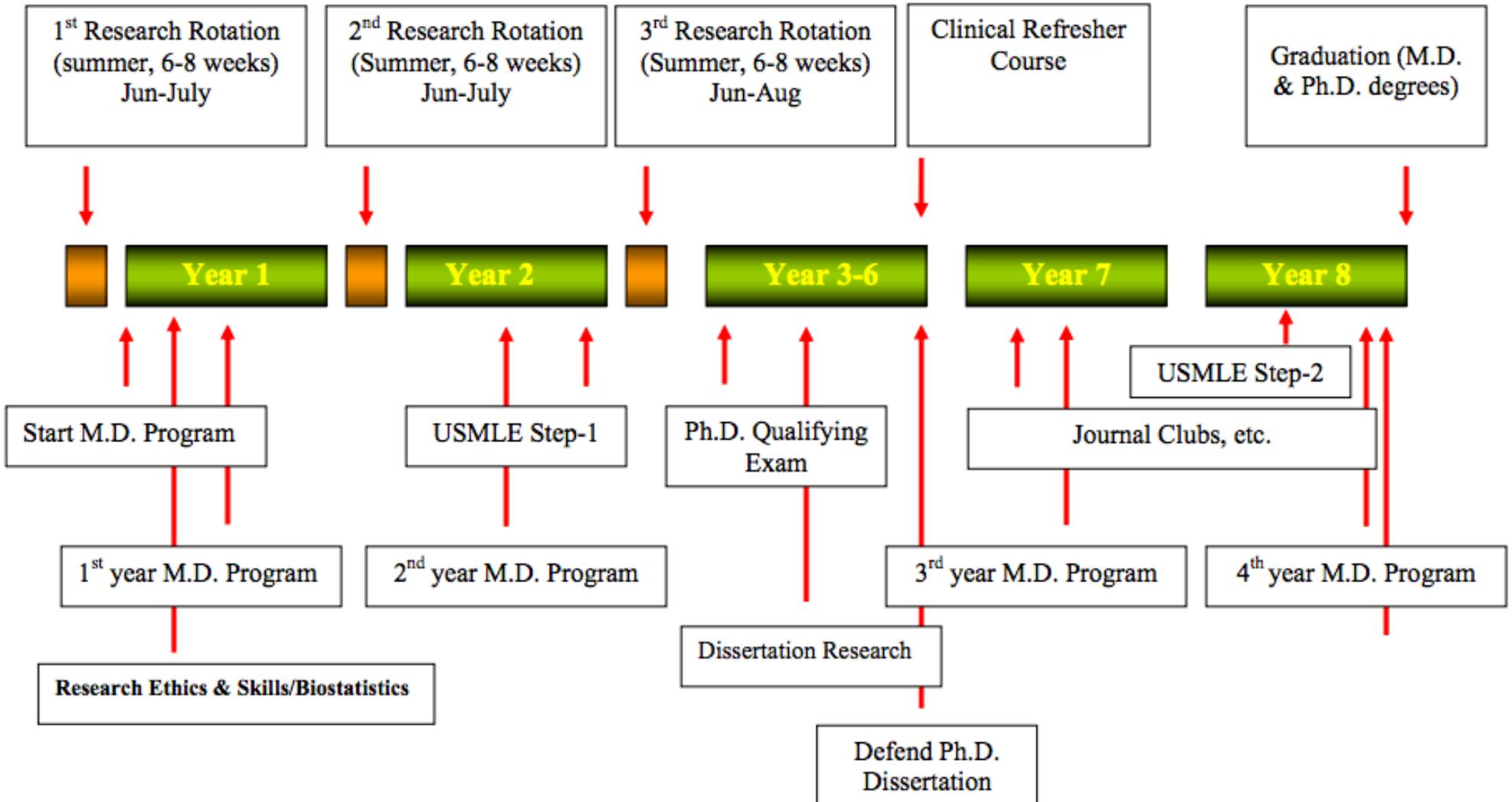
**Cardiovascular**

# PhD Program- Applicant Data

<u>Applicant Pool</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>
Total number of applications:	124	116	151	111
Applicants admitted:	28	31	26	29
Applicants matriculated:	16	16	20	15

<u>Matriculant Profile</u>				
Average GPA	3.43	3.52	3.46	3.58
Average MCAT				
Average GRE	1266/314 (71% rank)	1222/310 (64% rank)	1257/313 (71% rank)	1220/309 (64% rank)
Average DAT				
Average Science GPA				
Males	50% (8)	44% (7)	55% (11)	60% (9)
Females	50% (8)	56 (9)	45% (9)	40% (6)
In-State	31% (5)	19% (3)	55% (11)	67% (10)
Out-of-State	69% (11)	81% (13)	45% (9)	33% (5)

# MD/PhD Program



# MS Programs and Concentrations

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## 1. MS in Medical Sciences (MSMS)

- MSP3 (MS Pre-Professional Program)
- Health Sciences (**On-line** version of MSP3)
- Anatomy
- Molecular Medicine
- Aging and Neurosciences
- Metabolic and Nutritional Medicine
- Women's Health

Muffly/Barber  
Barber  
Kruk  
Gamsby  
Eve  
Barber  
McClellan

## 2. Biotechnology MS (PSM)

Mitchell

## 3. Bioinformatics MS (PSM)

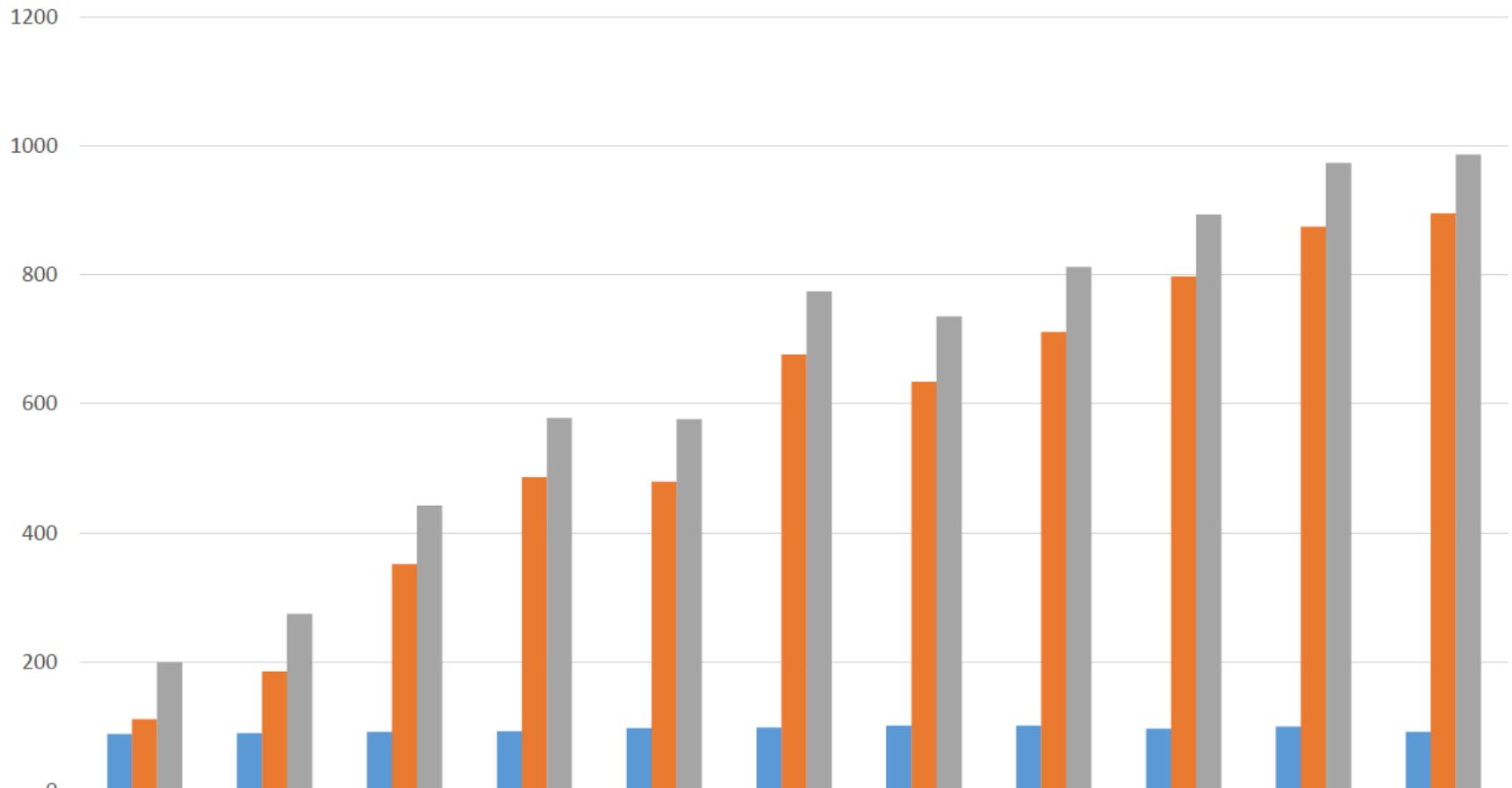
Uversky

## 4. MS Health Informatics (**On-line**, w/ *BISK*)

Deschenes

# Graduate Student Enrollment (11 yr.)

MCOM Graduate Program Enrollment 2006-2017

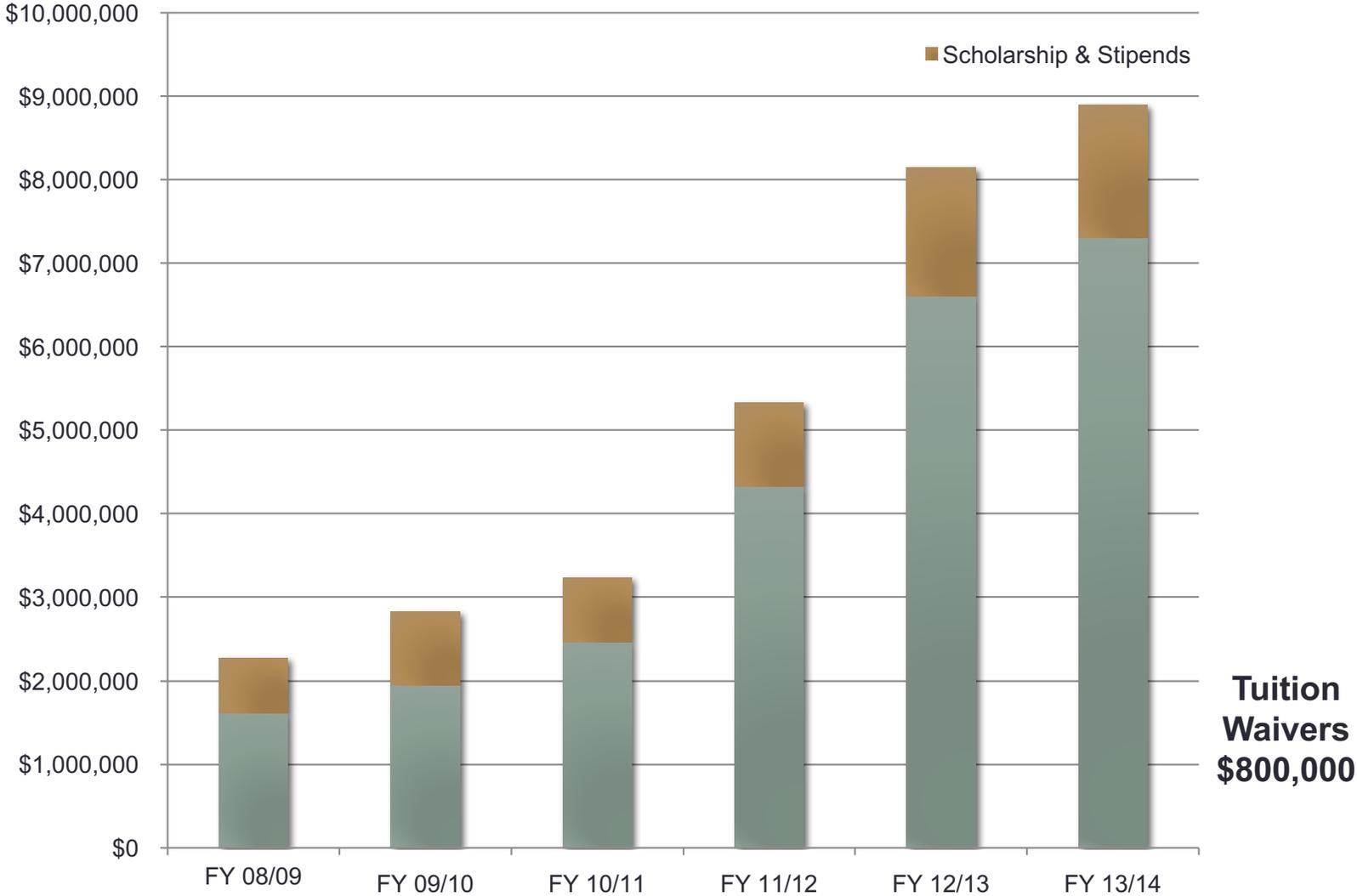


Total PhD & MD/PhD Students	88	89	91	92	97	98	101	101	96	99	91
Total Master's Students	111	185	351	486	479	676	634	711	797	874	895
Total Students	199	274	442	578	576	774	735	812	893	973	986

# Graduate Student Enrollment (9 yr.)

Program/Concentration	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17
Aging & Neuroscience	9	26	25	20	18	18	16	21	19
Anatomy	36	48	48	23	0	0	0	0	31
Athletic Training	0	0	0	18	29	30	30	30	33
Biochemistry	1	1	0	0	0	0	0	0	0
Bioethics	22	23	12	9	4	6	5	1	0
Bioinformatics MSBCB	9	7	3	3	4	15	13	18	19
Biotechnology MSB	15	27	34	44	31	22	16	20	25
Clinical Research	15	19	14	14	13	5	2	5	5
Health Informatics	0	0	0	0	0	86	250	300	320
Health Sciences	31	50	62	80	88	72	73	86	108
Interdisciplinary Medical Sciences	26	30	29	25	14	20	14	10	8
Medical Microbiology & Immunology	5	5	1	0	0	0	0	0	0
Metabolic & Nutritional Medicine	0	26	57	98	103	109	50	34	13
Molecular Medicine	140	145	135	68	3	2	7	14	12
MSP3	0	0	0	236	314	314	308	324	290
Pathology & Cell Biology	0	0	0	0	0	0	0	0	0
Pharmacology	36	35	18	11	0	0	0	0	0
Women's Health	6	44	41	27	13	12	13	11	12
Total Certificate	49	70	71	69	145	180	251	277	300
<b>Total Master's</b>	<b>351</b>	<b>486</b>	<b>479</b>	<b>676</b>	<b>634</b>	<b>711</b>	<b>797</b>	<b>874</b>	<b>895</b>
Total PhD & MD/PhD	91	92	97	98	101	101	96	99	91
Total Students	442	578	576	774	735	812	893	973	986

# MS Tuition Revenue (past 6 yrs.)



# MSP3 Program Overview

## Fall Semester

- GMS 6201 Basic Medical Biochemistry (3cr)
- GMS 6605 Basic Medical Anatomy (3cr)
- GMS 6141 Basic Medical Microbiology & Immunology (3cr)
- GMS 6012 Basic Medical Genetics (3cr)

## Spring Semester

- GMS 6630 Basic Medical Histology (3cr)
- GMS 6440 Basic Medical Physiology (3cr)
- GMS 6505 Basic Medical Pharmacology (3cr)
- GMS 6706 Basic Medical Neurosciences (3cr)

## Summer Semester

- GMS 6111 Basic Medical Pathology (3cr)
- GMS 6604 Basic Medical Embryology (3 cr)
- GMS 6871 Health Sciences Ethics (2cr)

## Elective

- GMS 7930 Medical Sciences Success Skills (2cr)
- GMS 7930 Gross Anatomy (4cr)

\*All electives are optional and not required for degree completion.

# MSP3 Applicants/Matriculant Data

## Applicant pool

	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>
Total number of primary applications:	707	890	823	776
Total number of secondary applications:	515	677	607	554
Applicants admitted:	319	441	441	427
Applicants matriculated:	209	270	253	230

## Matriculant profile

Average GPA	3.35	3.37	3.33	3.28
Average MCAT	27/501	26/503	26	26
Average GRE	1207/308	1234/310	1204/308	1183/306
Average DAT	18	19	19	18
Average Science GPA	3.17	3.24	3.18	3.25
Males	56%	55%	51%	46%
Females	43%	45%	49%	53%
In-State	182	225	226	191
Out-of-State	27	45	27	39
USF Alumni	57	68	50	46
Non-USF Alumni	152	202	203	184

# MSP3 Outcome Data

	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>Total</b>
<b>Total # of Graduates</b>	156 students	204 students	181 students	212 students	753 students
<b>Acceptances</b>	65 students	111 students	99 students	85 students	360 (47.8%)
<b>Interviews</b>	65 students	111 students	99 students	93 students	368 (48.9%)
<b>M.D. Acceptances</b>	33 students	49 students	45 students	37 students	164 (21.8%)
<b>D.O. Acceptances</b>	24 students	40 students	35 students	34 students	133 (17.7%)
<b>Dental Acceptances</b>	4 students	10 students	10 students	4 students	28 (3.7%)
<b>Ph.D. Acceptances</b>	0 students	1 students	2 students	2 students	5 (.66%)
<b>Other Graduate/Professional Program Acceptances</b>	3 students	10 students	7 students	6 students	26 (6.1%)

MD and DO acceptances (representative)

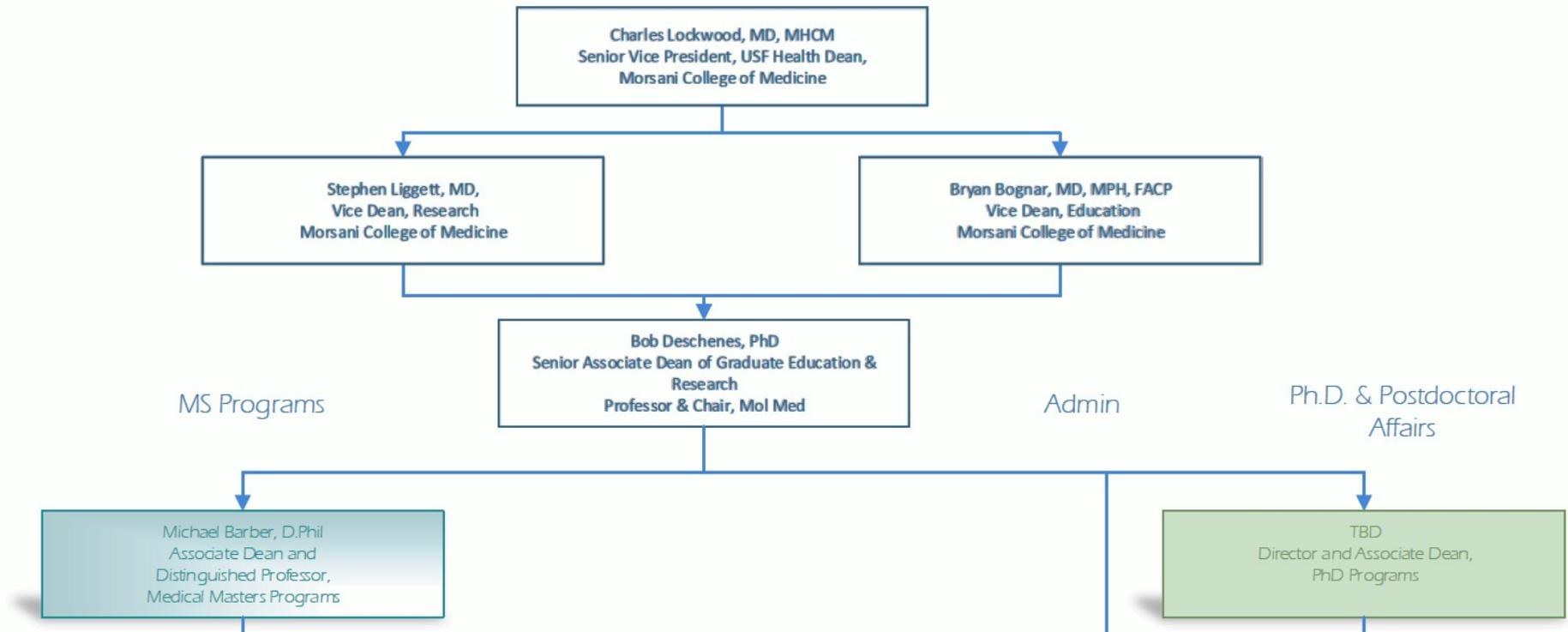
USF, FSU, UCF, FIU, LECOM, Wake Forest, Howard, William Carey, Nova, Kansas, ACOM, Tufts, Indiana, UT-Houston, Ross, SLU, NYU, Tulane, Morehouse, UF, Miami

# Health Informatics On-Line Program MS

## Core Courses

Course Number	Course Title	Credits
HIM 6667	Foundation in Management Information Systems	3
HIM 6118	Introduction to Health Informatics	3
HIM 6114	Integrated Electronic Medical Records	3
HIM 6018	e-Healthcare Ethics	2
HIM 6908	Health Informatics Independent Study	1
HIM 6930	Health Data Management	3
HIM 6350	e-Medicine Business Models	3
HIM 6017	Legal Aspects of Health Info Management	3
HIM 6320	Managerial Communications	3
HIM 6840	Case Studies in Health Information Management	3
	Project Management in Health Informatics	3
	Elective	3

# Graduate and Postdoctoral Affairs Org Chart



# Graduate and Postdoctoral Affairs Org Chart

