

**GSBS Standing Committee Reports
For September 12, 2019
Faculty Meeting**

Academic Standards Committee (Dr. Ilya Levental, Chair)

To be submitted soon

Admissions Committee (Dr. Keri Schadler, Chair)

Actions on Applications*

	Ph.D.	M.S.	S.M.S.	Total
Application Received	721	138	239	1098
Admitted by Dean	128	38	12	178
Rejected by Dean	565	100	224	889
No Action – Student Withdrew	28		3	31
Offers Accepted	67	24	11	102
Offers Declined	59	13	1	73
Offers Deferred	2	1		3

** Ph.D. applicant counts do not include M.D./Ph.D. Students*

Dean Actions on Ph.D. Applications*

DEAN ACTION	Total
Admit PhD	128
No Action Student Withdrew	28
Reject	565
Grand Total	721

** Ph.D. applicant counts do not include M.D./Ph.D. Students*

Student Actions for Applicants Offered Admission*

STUDENT ACTION	Ph.D.	M.S.	S.M.S.	Grand Total
Accept	67	24	11	102
Decline	59	13	1	73
Defer	2	1		3
Grand Total	128	38	12	178

** Ph.D. applicant counts do not include M.D./Ph.D. Students*

Total GSBS Applications Received

DEGREE	U.S. Citizens & Permanent Residents	Non-U.S. Residents	Grand Total
Ph.D.	273	448	721
M.S.	52	86	138
S.M.S.	223	16	239
M.D./Ph.D.	40		40
Non Degree	4	2	6
Grand Total	592	552	1144

Average GRE**/GPA of All Applicants

DEGREE	Analytical		Quantitative		Verbal		Under-Grad GPA
	Score	%	Score	%	Score	%	
Ph.D.	3.7	50	160	74	154	64	3.49
M.S.	N/A	N/A	N/A	N/A	N/A	N/A	3.35
S.M.S.	4.2	68	155	58	156	72	3.49
Overall	4.1	65	156	60	156	70	3.47

Average GRE**/GPA of Admitted Applicants

DEGREE	Analytical		Quantitative		Verbal		Under-Grad GPA
	Score	%	Score	%	Score	%	
Ph.D.	4.3	70	162	77	158	79	3.63
M.S.	N/A	N/A	N/A	N/A	N/A	N/A	3.49
S.M.S.	4.4	73	157	66	157	74	3.64
Overall	4.3	72	159	72	157	76	3.60

*** For 2019 Admission year, applicants were not required to submit GRE information, except for PhD applicants applied for Medical Physics program and SMS applicants (applied for Genetic Counseling and Medical Physics programs)*

Average GRE/GPA of Admitted U.S. Citizen and Resident Applicants**

DEGREE	Analytical		Quantitative		Verbal		Under-Grad GPA
	Score	%	Score	%	Score	%	
Ph.D.	4.3	72	161	75	158	79	3.61
M.S.	N/A	N/A	N/A	N/A	N/A	N/A	3.49
S.M.S.	4.4	73	157	66	157	74	3.64
Overall	4.3	73	159	70	157	76	3.59

Average GRE/GPA of Admitted International Applicants**

DEGREE	Analytical		Quantitative		Verbal		Under-Grad GPA
	Score	%	Score	%	Score	%	
Ph.D.	4.0	59	167	93	157	75	3.65
M.S.	N/A	N/A	N/A	N/A	N/A	N/A	3.49
S.M.S.							N/A
Overall							3.61

Entering Class 2019 Degree Program – by Term

DEGREE	Spring 2019	Summer 2019	Fall 2019	Grand Total
Ph.D.	2	2	63	67
M.D./Ph.D.		3	5	8
M.S.			24	24
S.M.S.			11	11
Non Degree	2		4	6
Grand Total	4	5	107	116

“Entering Class” includes only applicants who were offered admission and have accepted offer

*** For 2019 Admission year, applicants were not required to submit GRE information, except for PhD applicants applied for Medical Physics program and SMS applicants (applied for Genetic Counseling and Medical Physics programs)*

Entering Class 2019 Degree Program – by Gender

DEGREE	Female	Male	Grand Total
Ph.D.	39	28	67
M.D./Ph.D.	5	3	8
M.S.	16	8	24
S.M.S.	10	1	11
Non Degree	3	3	6
Grand Total	73	43	116

Entering Class 2019 Degree Program – by Residence

DEGREE	Texas	Out of State	Non US	Total
Ph.D.	16	10	41	67
M.D./Ph.D.	5	3		8
M.S.	11	3	10	24
S.M.S.	1	10		11
Non Degree	4		2	6
Grand Total	37	26	53	116

Entering Class 2019 – Average GRE**/GPA

DEGREE	Analytical		Quantitative		Verbal		Under-Grad GPA
	Score	%	Score	%	Score	%	
Ph.D.	4.0	68	158	68	157	74	3.59
M.S.	N/A	N/A	N/A	N/A	N/A	N/A	3.43
S.M.S.	4.5	76	158	66	157	74	3.65
Overall	4.3	73	158	67	157	74	3.56

*** For 2019 Admission year, applicants were not required to submit GRE information, except for PhD applicants applied for Medical Physics program and SMS applicants (applied for Genetic Counseling and Medical Physics programs)*

Entering Class 2019 – Average GRE**/GPA of U.S Citizens and Permanent Residents

DEGREE	Analytical		Quantitative		Verbal		Under-Grad GPA
	Score	%	Score	%	Score	%	
Ph.D.	4.0	72	155	57	156	73	3.55
M.S.	N/A	N/A	N/A	N/A	N/A	N/A	3.48
S.M.S.	4.5	76	158	66	157	74	3.65
Overall	4.3	75	157	64	157	74	3.55

Entering Class 2019 – Average GRE**/GPA of International Students

DEGREE	Analytical		Quantitative		Verbal		Under-Grad GPA
	Score	%	Score	%	Score	%	
Ph.D.	4.0	59	167	93	157	75	3.62
M.S.	N/A	N/A	N/A	N/A	N/A	N/A	3.36
S.M.S.							N/A
Overall							3.57

*** For 2019 Admission year, applicants were not required to submit GRE information, except for PhD applicants applied for Medical Physics program and SMS applicants (applied for Genetic Counseling and Medical Physics programs)*

Applicants by Race/Ethnicity

DEGREE	Total Applicants	White	Black	Asian	American Indian	Pacific Islander	Two or More Races	Race Unknown	International	Hispanic
Ph.D.	721	161	31	60	8	1	11	8	448	62
M.D./Ph.D.	40	18	1	11			1			5
M.S.	138	23	14	15	5		5		86	6
S.M.S.	239	176	11	30	6	1	12	7	16	23
Non Degree	6	2	1	1	1		1		2	
TOTAL	1144	380	58	117	20	2	30	15	552	96

An individual can declare more than one race/ethnicity

Admitted Applicants by Race/Ethnicity

DEGREE	Total Applicants	White	Black	Asian	American Indian	Pacific Islander	Two or More Races	Race Unknown	International	Hispanic
Ph.D.	128	42	8	13	2	1	4	3	58	21
M.D./Ph.D.	16	10	1	3			1			2
M.S.	38	9	4	6	3		2		18	3
S.M.S.	12	8	1	1	1		1	2		1
Non Degree	6	2	1	1	1		1		2	
TOTAL	200	71	15	24	7	1	9	5	78	27

An individual can declare more than one race/ethnicity

Entering Students by Race/Ethnicity

DEGREE	Total Students	White	Black	Asian	American Indian	Pacific Islander	Two or More Races	Race Unknown	International	Hispanic
Ph.D.	67	15	3	4	1		1	1	41	10
M.D./Ph.D.	8	5	1	2			1			1
M.S.	24	6	3	6	1		1		10	1
S.M.S.	11	8		1				2		
Non Degree	6	2	1	1	1		1		2	
TOTAL	116	36	8	14	3	0	4	3	53	12

An individual can declare more than one race/ethnicity

Universities Attended by Ph.D. Applicants Who Were Offered but Declined Admission

SCHOOLS	Number who went there
Carnegie-Mellon University	1
Emory University	2
Harvard University	1
Johns Hopkins University	2
Mayo Graduate School of Medicine	1
Mt. Sinai School of Medicine	1
Northwestern University	1
Scripps College	1
Stanford University	1
University of California at San Diego	1
University of California at San Francisco	1
University of Maryland College Park	1
University of Miami	1
University of Michigan-Ann Arbor	2
University of North Carolina-Chapel Hill	2
University of Pennsylvania	1
University of Pittsburgh	1
University of Sydney	1
University of Texas Southwestern Medical Center at Dallas	1
University of Washington	1
Vanderbilt University	1
Washington University in St. Louis	1
Weill Cornell Graduate School of Medical Sciences	1
Yale University	2
Total Responses:	29

Observations:

1. Total number of applicants increased by 27% comparing to number of total applicants last year with noticeable increase in number of MS applicants (138 this year VS 73 last year)

DEGREE	2019	2018	Different	% Change from Last Year
Ph.D.	721	567	154	27%
M.S.	138	73	65	89%
S.M.S.	239	225	14	0.6%
Overall	1098	865	233	27%

2. Average GPA of applicants this year is higher than that of last year

	2019	2018
All Applicants	3.47	3.43
Admitted applicants	3.60	3.51
Entering class	3.56	3.47

3. More competitive Admission rate (16% this year VS 23% last year)

DEGREE	2019			2018		
	Applied	Admitted	Admission Rate	Applied	Admitted	Admission Rate
Ph.D.	721	128	18%	567	142	25%
M.S.	138	38	28%	73	40	55%
S.M.S.	239	12	5%	225	13	6%
Overall	1098	178	16%	865	195	23%

4. Applicant's Acceptance rate higher than last year (57% this year VS 52% last year)

DEGREE	2019			2018		
	Admitted	Accepted	Acceptance Rate	Admitted	Accepted	Acceptance Rate
Ph.D.	128	67	52%	142	71	50%
M.S.	38	24	63%	40	20	50%
S.M.S.	12	11	92%	13	11	85%
Overall	178	102	57%	195	102	52%

Note: The applicant counts in the above sections do not include MD/PhD and Non-Degree applicants

5. Foreign Applicants increased by 42 % (552 this year VS 390 last year)

DEGREE	U.S. Citizens & Permanent Residents		Non-U.S. Residents		Overall	
	2019	2018	2019	2018	2019	2018
Ph.D.	273	233	448	334	721	567
M.S.	52	36	86	37	138	73
S.M.S.	223	210	16	15	239	225
M.D./Ph.D.	40	38			40	38

Non Degree	4	4	2	4	6	8
Grand Total	592	521	552	390	1144	911

6. Increased Percentage of International Students in Entering Class from 2018

DEGREE	% of Non-U.S. Students in Entering Class	
	2019	2018
Ph.D.	61%	48%
M.S.	42%	40%
S.M.S.	0%*	18%
Non Degree	33%	50%
Overall	46%	42%

* No Non-US students for S.M.S. degree in Entering Class 2019

Curriculum Committee (Dr. Don Gibbons, Chair)

1. The Committee had six (6) meetings since the last Faculty meeting in January.
2. Reviewed and approved the following course requests:

Approved 5 New Courses:

- **GS04 1011: Workshop for Experimental Training in Mouse Cancer Biology**
(Course Director: Dr. Randy Johnson)
- **GS14 1214: Molecular and Cellular Neuroscience**
(Course Directors: Dr. Michael Beierlein and Dr. M. Neal Waxham)
- **GS14 1213: Visual Neuroscience**
(Course Directors: Dr. Christophe Ribelyaga and Dr. John O'Brien)
- **GS14 1223: Neurocircuits and Behavior**
(Course Directors: Dr. Fabricio Do Monte and Dr. Qingchun Tong)
- **GS21 1181: Biomedical Ethics for the Genetic Counselor**
(Course Directors: Ms. Laura Murphy and Ms. Rebecca Lunstroth)

Course Requests:

Change/Reformat Teaching Structure (more hands-on lab module)

- GS04 1073: Developmental Biology

Name Change

- GS12 1011: BCB Seminar Series (formerly BCB Research in Progress Workshop)

Credit Hour Change

- GS06 1103: Emerging Concepts in Immunology (formerly GS06 1102)

Course Director/s Change

- GS00 1410: USMLE Exam Preparation
- GS01 1023: Survival Analysis
- GS01 1723: Biostatistics Consulting and Collaboration
- GS02 1022: Special Radiation Treatment Procedures
- GS02 1072: Statistics for Medical Physicists
- GS02 1202: Electronics for Medical Physicists
- GS03 1111: Scientific Writing for Grant Proposals
- GS02 1174: Introductory Diagnosis Image Rotation
- GS04 1093: The Biology of Cancer Metastasis
- GS07 1092: Topics in Microbiology and Infectious Diseases
- GS11 1031: Contemporary Issues in Genetic Counseling
- GS11 1011: Embryology
- GS11 1012: Cancer Genetic Counseling
- GS11 1031: Contemporary Issues in Genetic Counseling
- GS11 1142: Approaches to Genetic Counseling Research I
- GS11 1152: Approaches to Genetic Counseling Research II

Course Deactivation

- GS01 1263: Bayesian Statistics
- GS01 1083: Mathematical Statistics II
- GS04 1223: Fundamental Mechanisms of Cancer Development
- GS14 1063: Molecular Neurobiology
- GS14 1143: Cellular Neurophysiology
- GS14 1611: Current Topics in Neuroscience

3. Completed course review of twelve (12) GSBS courses as follows:

Major Course Review (9 courses)

- a. GS01 1143: Introduction to Bioinformatics
- b. GS02 1093: Intro to Medical Physics I: Basic Interaction
- c. GS04 1093: The Biology of Cancer Metastasis
- d. GS06 1102: Emerging Concepts in Immunology
- e. GS11 1172: Prenatal Genetic Counseling
- f. GS13 1024: Molecular Basis of Cell Signaling
- g. GS14 1024: Systems Neuroscience
- h. GS14 1173: Cognitive Neuroscience
- i. GS21 1152: Scientific Writing

Follow-up Course Review (3)

- a. GS02 1083: Biological & Biophysical Principles of Molecular Imaging
- b. GS04 1213: Mechanisms of Cancer Therapeutics
- c. GS07 1015: Microbial Genetics and Physiology

4. Presented, discussed, and/or approved the following items.

- a. Neuroscience Program curriculum changes
- b. Quantitative Sciences Program curriculum changes
- c. Program requirements for MS student affiliation

Membership Committee (Dr. John O'Brien, Chair)

The Committee met four times since the last Faculty Meeting in February 2019.

The Committee approved the following:

- 15 applications for Regular Membership
- 20 applications for Associate Membership
- 1 request for membership to be changed from Associate to Regular Member was approved
- 17 applications for reappointment
- 6 applications for reappointment with commendation
- 1 application for reappointment with highest commendation
- 7 applications for reappointment with encouragement
- 2 applications for reappointment was changed to Associate Member

Program Directors Committee (Dr. Rebecca Berdeaux, Chair)

The Committee met three times since the last Faculty Meeting and discussed the following topics:

- Admissions and recruitment
- Allowing MS students to affiliate with PhD Programs
- Program plans and procedures for faculty affiliations and renewal of faculty membership
- Suggestions for 2019 GSBS Student Research Day
- Discussing unique/novel Program activities at each meeting to develop best practices for all Programs
- Orientation for entering students
- Composition of 2019-20 standing committees
- Process for annual progress reports from Programs
- Process for allowing students to have a secondary area of research concentration
- The need to collect information on the accomplishments of our students and faculty
- John J. Kopchick Research Symposium on November 4, 2019
- What is the best way to communicate information to GSBS students and faculty?

Student Scholarship Committee (Dr. Margarida Albuquerque Almeida Santos, Chair)

February – August 2019

1. Conducted Spring Cycle Common Application Award Meeting on May 29, 2019. Reviewed 76 applications for 10 different GSBS fellowship/scholarships and recommended awardees.

The 28 students selected by the GSBS Deans are listed below:

Award Name	Recipient/s	Advisor	Program
Schissler Foundation Fellowship	Cavan Bailey	Joya Chandra	TAP
	Alexandria Blackburn	Rachel Miller	G&E
	Cory Wilson	Harry Karmouty-Quintana	BCB (MD/PhD)

Marilyn and Frederick R. Lummis, Jr. MD Fellowship	Suman Shrestha	Rebecca Howell	MP
Pauline Altman-Goldstein Foundation Discovery Fellowship	Medina Colic	Glen Hart	QS
The Russell and Dianna Hawkins Family Foundation Discovery Fellowships	Unekwu Yakubu	Kevin Morano	MID
Rosalie B. Hite Fellowships in Cancer			
Renewal	Lisa Becker	Raghu Kalluri	CB
	Mallory Glenn	Stephen Kry	MP
New	Jovanka Gencel Augusto	Gigi Lozano	G&E
	Rosa Santana Carrero	Kimberly Schluns	IMM
American Legion Auxiliary			
Renewal	Dominik Awad	Daniel Frigo	BCB
	Mallory Glenn	Stephen Kry	MP
	Mary Gronberg	Mohammad Salehpour	MP
	Sydney Moyer	Gigi Lozano	G&E
	Teresa Nguyen	Juan Fueyo	ET
	Deborah Silverman	Patrick Hwu	IMM (MD/PhD)
New	Josephine Kebbeh Darpolor	Raghu Kalluri	CB
	Mary Esmeralda Fuentes	Pawel Mazur	CB
	Evan Gates	David Fuentes	MP
	Walter Frank Lenoir	Glen Hart	QS
	Jessica Symons	Sunil Krishnan	BCB
	Emily Thompson	Erik Cressman	MP
Larry Deaven Ph.D. Fellowship in Biomedical Sciences	Sunada Khadka	Florian Muller	CB
Sowell Huggins Professorship/Fellowship in Cancer Research	Walaa Kattan	John Hancock	CB
Ray Meyn Scholarship for Cancer Research	Runze Shen	John Tainer	MID

Scholarship for Excellence in Biochemistry and Molecular Biology at MD Anderson	Vidhi Chandra	Florencia McAllister	CB
	Hannah Savage	Keri Schadler	CB
	Melinda Soeung	Giulio Draetta	G&E

2. Other awards provided to GSBS students through other review mechanisms.

➤ President's Research Scholarship

Name	Advisor	Program
Grant Fischer	Michael Davis, PhD	CB
Keifer Forseth	Nitin Tandon, PhD	NS
Ayesha Khan	Cesar Arias, MD, PhD	MID
Kara Schoenemann	William Margolin, PhD	MID

➤ Sylvan Rodriguez Scholarship honoring George M. Stancel, PhD

Name	Advisor	Program
Mary Esmeralda Fuentes	Pawel Mazur	CB

➤ Dr. John J. Kopchick Research Award

Name	Advisor	Program
Chao-Hsien Chen	Michael Curran, PhD	IMM

➤ John and Rebekah Harper Fellowship in Biomedical Sciences (Renewal)

Name	Advisor	Program
Kara Schoenemann	William Margolin, PhD	MID

➤ Russell and Diana Hawkins Family Foundation Discovery Fellowships (Renewal)

Name	Advisor	Program
Seula Shin	Jian Hu, PhD	CB

➤ Linda M. Wells GSBS Outreach Award

Name	Advisor	Program
Lorena Maili	Jacqueline Hecht	G&E
Rosa Santana Carrero	Kimberly Schluns	IMM