

The University of Texas
M. D. Anderson Cancer Center

Trainee & Alumni Affairs
2003 - 2004 Annual Report



Caring

Integrity

Discovery

THE UNIVERSITY OF TEXAS M. D. ANDERSON CANCER CENTER
 EDUCATIONAL TRAINEES
 September 1, 2003 – August 31, 2004

Clinical

Residents and Fellows	283
Rotating Residents and Fellows	606
Medical Physics Residents	002
Pharmacy Residents/Fellows	017
Physician Assistant Residents/Fellows	003
Psychology Fellows	002
Radiation Physics Residents	003
Rotating Pharmacy Residents	005
Rotating Psychology Fellows	001
Subtotal	922

Research

Postdoctoral Fellows	638
Odyssey Fellows	005
Predoctoral Fellows*	006
Research Interns	039
Research Trainees*	001
Rosalie B. Hite Graduate Research Assistants	003
Graduate Research Assistants	529
Subtotal	1,221

Special Programs

Chaplaincy Fellows	017
Ethics Fellows	002
Ethics Interns	002
Hospital Administration Fellows	007
Social Work Students	001
Veterinary Interns	005
Observers	128
Visitors	220
Subtotal	382

Student Programs

College Research Program	053
High School Research Program	026
Medical Students	252
Physical & Occupational Therapy Students	007
Rotating Pharmacy Students	043
Rotating Physician Assistant Students	023
Subtotal	404

School of Health Science Programs

Clinical Laboratory Science Students	014
Cytogenetics Students	018
Cytotechnology Students	012
Histotechnology Students	007
Medical Dosimetry Students	028
Medical Technology Students	012
Molecular Genetics	003
Radiation Therapy Dosimetry Students	055
AHS/Science Educators	002
AHS/Summer Program Students	030
Subtotal	181

Nursing Programs

Wound, Ostomy, Continence Education	056
Chemotherapy/Biotherapy Students	169
Peripheral Insertion of Central Venous Catheters	006
Academic Undergraduate	112
Academic Graduate & Nurse Practitioner Students	049
Academic High School	018
Professional Student Nurse Externs	035
International Nursing Trainees	053
Subtotal	498

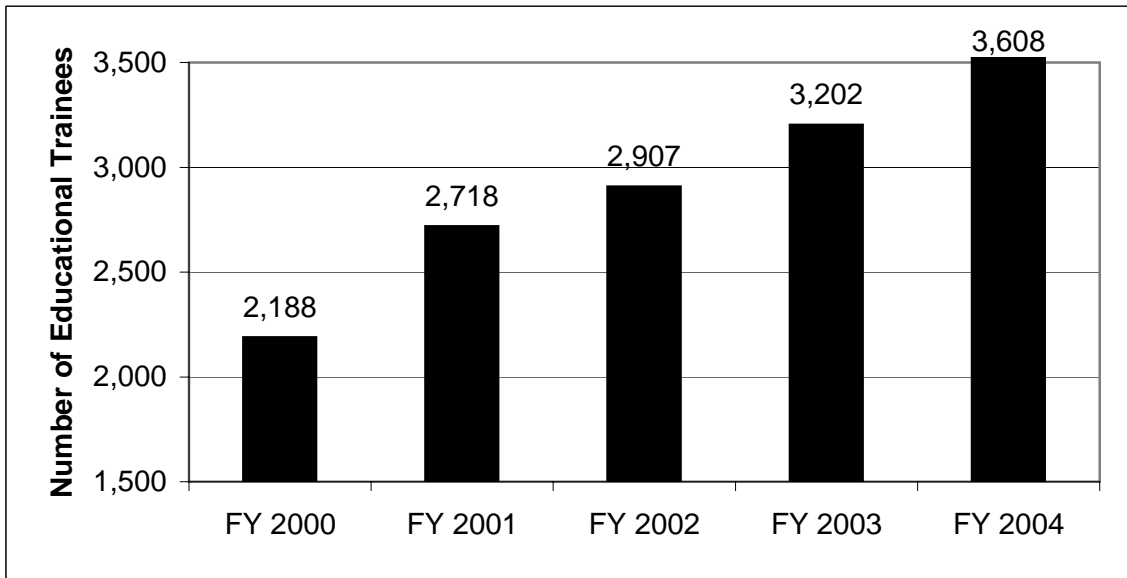
TOTAL 3,608

*Phasing out title 2004-2005

Figures may vary uncharacteristically because reporting timeframes have changed from September 1st to August 31st beginning with Fiscal Year 2002.

FIVE-YEAR TRAINEE GROWTH PATTERN

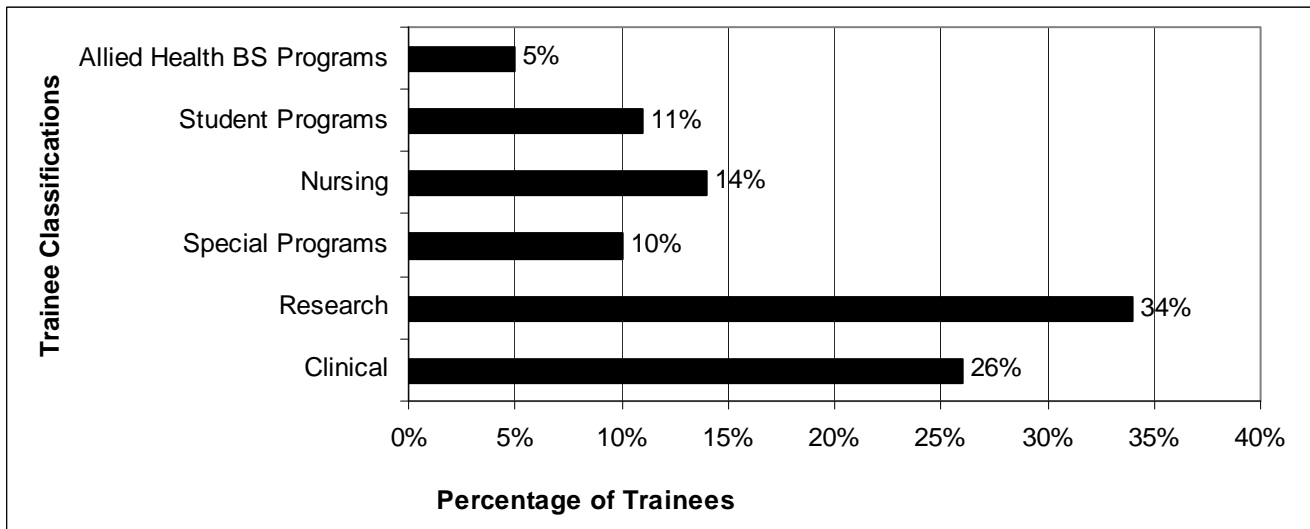
Table 1.2



FIVE-YEAR TRAINEE CLASSIFICATIONS GROWTH PATTERN
Table 1.3

	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	Percent of Growth 2000 - 2004
Clinical	580	828	942	961	922	58%
Research	678	897	1037	1114	1221	80%
Special Programs	243	228	260	296	382	57%
Student Programs	328	373	294	301	404	23%
Allied Health Program	115	131	101	188	181	57%
Nursing Students/Rotations	244	261	273	342	498	104%
Total	2,188	2,718	2,907	3,202	3,608	64%

2003 - 2004 TRAINEE CLASSIFICATIONS PERCENTAGES
Table 1.4



2003 - 2004 GME PROGRAM ACTIONS

Table 1.5

Summary of FY 2004 GME Program Actions	
New ACGME* Accredited Programs	1
New Programs Approved Through TSBME**	3
New Programs Pending Approval through TSBME	3
New Programs Pending Approval through ACGME	1
Number of Internal Reviews Performed	2
Number of RRC*** Site Visits	2
Number of ABOG**** Site Visits	1
Internal Review Follow Up Report	1
Medicare/Medicaid Reimbursement/GME Budget	\$3,333,266/ \$9,282,536
Percent of Medicare/Medicaid Reimbursement to Total GME Budget	28%

* Accreditation Council for Graduate Medical Education

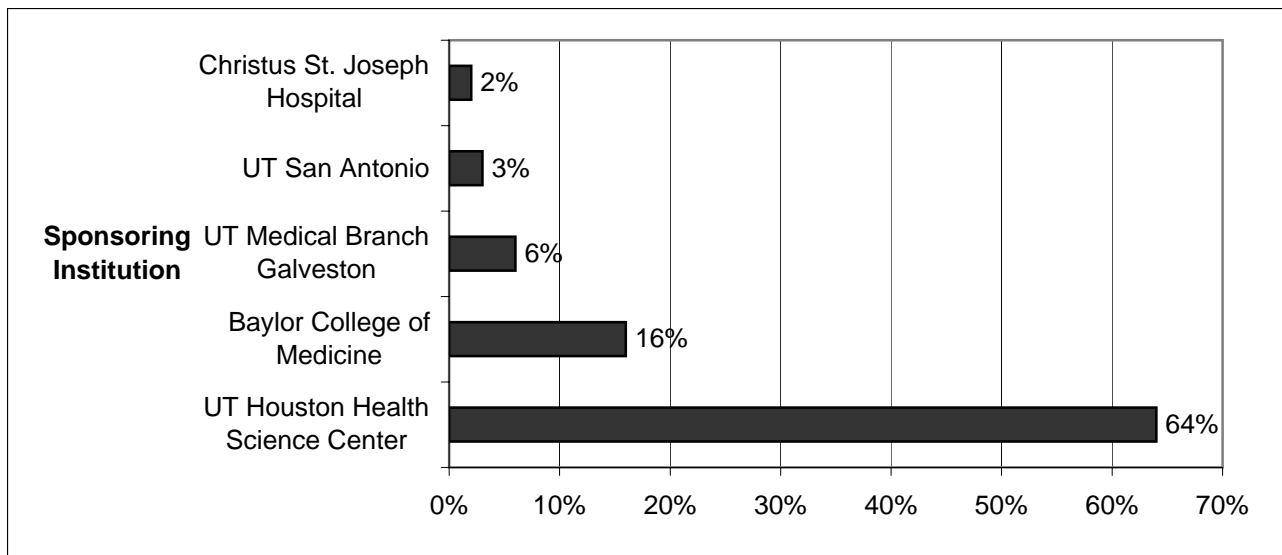
** Texas State Board of Medical Examiners

*** Residency Review Committee

**** American Board of Obstetrics - Gynecology

TOP FIVE INSTITUTIONS SENDING ROTATING TRAINEES TO MDACC

Table 1.6



2003 - 2004 TRAINEE DEMOGRAPHIC COMPARISON
Table 2.1

Demographic Profile	Clinical Residents & Fellows			Postdoctoral Fellows			GSBS		
	Description	N	Percent	Description	N	Percent	Description	N	Percent
Number of Trainees	Total Population	284		Total Population	640		Total Population	370	
Number of Programs Served	Total Programs	35		Total Programs	52		Total Programs	44	
Ethnicity	Caucasian	113	40	Caucasian	93	15	Caucasian	147	40
	African	12	4	African	14	2	African	9	2
	Asian	77	27	Asian	58	9	Asian	36	10
	Hispanic	20	7	Hispanic	15	2	Hispanic	31	8
	Foreign	62	22	Foreign	460	72	Foreign	147	40
Gender	Male	182	64	Male	385	60	Male	172	46
	Female	102	36	Female	255	40	Female	198	54
Average Age	34 years old			35 years old			28 years old		

2003 - 2004 TRAINEE DEMOGRAPHIC COMPARISON
COUNTRIES OF ORIGIN & VISA TYPES
Table 2.2

Demographic Profile	Clinical Residents & Fellows			Postdoctoral Fellows			GSBS		
	Country/Visa	N	Percent	Country/Visa	N	Percent	Country/Visa	N	Percent
Top 5 Countries of Origin	USA	178	60	China	173	27	USA	215	58
	China	15	6	USA	118	18	China	76	21
	India	13	4	Japan	86	13	Taiwan	22	6
	Canada	11	2	India	57	9	South Korea	14	4
	Colombia	6	1	South Korea	33	5	India	10	3
Citizenships and Most Frequent Visa Types	US Citizen	178	62	US Citizen	118	18	US Citizen	215	58
	US Permanent Resident	45	14	US Permanent Resident	65	10	US Permanent Resident	12	3
	J-1	37	17	J-1	284	44	F-1	134	36
	H1-B	12	3	H1-B	146	23	J-1	6	2

**2003 – 2004 SCHOOL OF HEALTH SCIENCES:
APPLICANTS BY PROGRAM
Table 2.3**

PROGRAM	APPL	ADMIT	ENROLLED
BS Medical Dosimetry	31	7	7
CRT Medical Dosimetry	39	5	5
BS Radiation Therapy	29	8	8
CRT Radiation Therapy	73	17	17
BS Cytogenetics Technology	14	11	9
CRT Cytogenetics Technology	13	2	1
BS Medical Technology	38	11	11
CRT Medical Technology	27	3	3
CRT Histotechnology	18	4	3
BS Cytotechnology	18	3	3
CRT Cytotechnology	20	3	3
GRAND TOTAL	320	74	70

**2003 – 2004 SCHOOL OF HEALTH SCIENCES:
ENROLLMENT BY GENDER & ETHNIC CATEGORY
Table 2.4**

ETHNIC CATEGORY	MALE	FEMALE	TOTAL
Black American	2	3	5
Hispanic American	2	7	9
American Indian	0	0	0
Asian American	4	7	11
Caucasian American	14	26	40
Foreign	0	2	2
Unknown	2	1	3
TOTAL	24	46	70

Minority n = 25 (36%)

**SCHOOL OF HEALTH SCIENCES:
DEGREES AND CERTIFICATES CONFERRED 2003-2004
BY PROGRAM
Table 2.5**

PROGRAM	MALE	FEMALE	TOTAL
BS Medical Dosimetry	3	5	8
CRT Medical Dosimetry	7	2	9
BS Radiation Therapy	2	5	7
CRT Radiation Therapy	5	20	25
BS Cytogenetics Technology	3	2	5
CRT Cytogenetics Technology	1	0	1
BS Medical Technology	0	6	6
CRT Medical Technology	0	5	5
CRT Histotechnology	1	3	4
BS Cytotechnology	3	2	5
CRT Cytotechnology	0	0	0
GRAND TOTAL	25	50	*75

*This table includes all graduates from September 2003 – August 2004

BS = Bachelor of Science Degree
CRT = Certificate

**SCHOOL OF HEALTH SCIENCES:
DEGREES CONFERRED 2001 – 2004 BY GENDER
Table 2.6**

Program	2001-2002			2002-2003			2003-2004		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Cytogenetics	1	2	3	1	4	5	4	2	6
Cytotechnology	2	2	4	1	4	5	3	2	5
Histotechnology							1	3	4
Medical Dosimetry					3	3	10	7	17
Medical Technology		2	2	2	3	5	0	11	11
Radiation Therapy	2		2		2	2	7	25	32
TOTAL	5	6	11	4	16	20	25	50	*75

*This table includes all graduates from September 2003 – August 2004

**SCHOOL OF HEALTH SCIENCES
DEGREES CONFERRED 2001 - 2004 BY ETHNIC CATEGORY
Table 2.7**

Ethnicity	2001-2002				2002-2003					2003-2004						
	Black American	Asian	Caucasian	Total	Black American	Hispanic	Asian	Caucasian	Total	Black American	Hispanic	Asian	Caucasian	Foreign	Unkown	Total
Cytogenetics		1	2	3		2		3	5		1	1	3		1	6
Cytotechnology	1	1	2	4	1		2	2	5			1	4			5
Histotechnology											2	1	1			4
Medical Dosimetry							2	1	3		1	3	13			17
Medical Technology		1	1	2		1	2	2	5		2	3	4	1	1	11
Radiation Technology		1	1	2			1	1	2	5	2	6	19			32
TOTAL	1	4	6	11	1	3	7	9	20	5	8	15	44	1	2	*75

*This table includes all graduates from September 2003 – August 2004

**MDACC/GRADUATE SCHOOL OF BIOMEDICAL SCIENCES:
DEGREES CONFERRED 2003-2004 BY PROGRAM**

Table 2.8

Program Affiliation	MS	PhD	MD/PhD	Total
Non Affiliated Program	8	9	1	18
Biochemistry and Molecular Biology	1			1
Cancer Biology		2		2
Environmental and Mol Carcinogenesis		8		8
Genes and Development		3		3
Genetic Counseling	2			2
Human and Molecular Genetics		1		1
Immunology	1	5		6
Medical Physics	2	3		5
Virology and Gene Therapy	1			1
Totals	15	31	1	47

**MDACC/GRADUATE SCHOOL OF BIOMEDICAL SCIENCES
DEGREES CONFERRED 2000 – 2004 BY GENDER**

Table 2.9

Degree	2000-2001			2001-2002			2002-2003			2003-2004		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
MS	8	7	15	8	7	15	11	4	15	7	8	15
PhD	11	15	26	17	16	33	12	18	30	17	14	31
MD/PhD	1	0	1	2	0	2	1	1	2		1	1
TOTAL	20	22	42	27	23	50	24	23	47	24	23	47

**MDACC/GRADUATE SCHOOL OF BIOMEDICAL SCIENCES
DEGREES CONFERRED 2000 - 2004 BY ETHNIC CATEGORY
Table 2.10**

Ethnicity	2000-2001				2001-2002				2002-2003				2003-2004			
	MS	PhD	MD/PhD	Total	MS	PhD	MD/PhD	Total	MS	PhD	MD/PhD	Total	MS	PhD	MD/PhD	Total
Black American	0	0	0	0	0	2	0	2	0	1	0	1	0	0	0	0
Hispanic	1	1	0	2	1	0	0	1	2	3	0	5	1	0	1	2
American Indian	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
Asian	1	7	0	8	2	6	1	9	2	4	1	7	4	5	0	9
Caucasian	12	12	1	25	8	14	0	22	10	9	1	20	7	17	0	24
Foreign	1	6	0	7	4	10	1	15	1	13	0	14	2	9	0	11
Unknown													1	0	0	1
TOTAL	15	26	1	42	15	33	2	50	15	30	2	47	15	31	1	47

University of Texas M. D. Anderson Cancer Center
 FY 2004 Training & Educational Grants and Fellowships

Table 3.1

Type of Grant or Fellowship	AS OF SEPTEMBER 2004	
	Number of Active Grants and Fellowships	Total Funds Awarded (Includes Direct and Indirect Costs)
Federal Grants and Fellowships:		
NIH T32 Training Grant (Including Supplement)	10	2,459,215
NIH U54 Training Grant	1	92,264
NCMHHD Training Grant	1	1,056,818
NIH K01 Educational Grant	1	97,809
NIH K08 Educational Grant	3	480,160
NIH K12 Training Grant	2	752,860
NIH CURE Supplement	1	109,578
NIH R25 Educational Grant	5	1,867,079
NIH P60 Training Grant	1	59,896
Total Federal Grants and Fellowships	25	\$6,975,679
Individual Training Grants and Fellowships:		
U.S. Department of the Army Fellowship	4	155,450
U.S. Department of Defense Fellowship	3	320,476
NIH - National Institute of General Medical Sciences	1	47,296
NIH - National Institute of Nursing Research	1	29,482
UT-H Comprehensive Training Program	1	47,794
NIH K07 Educational Grant	7	944,406
NIH K22 Educational Grant	3	421,144
NIH K24 Educational Grant	1	108,141
NIH K30 Educational Grant	1	53,000
Total Individual Federal Fellowships & Grants	22	\$2,127,189
Total Individual Non-Federal Fellowships	22	\$839,909
GRAND TOTAL	69	\$9,942,777

**University of Texas M. D. Anderson Cancer Center
FY 2004 Internal Awards**

Table 4.1

Type of Award	Number Awarded	Total Funding Awarded
Altana Pharma Odyssey Award	2	\$1,700
Altana Pharma Odyssey Honorable Mention	1	\$200
AMGEN Award in Basic Science Research - Poster	2	\$500
AMGEN Award in Basic Science Research (1st place)	1	\$1,000
AMGEN Award in Basic Science Research (2nd place)	1	\$750
M. D. Anderson Alumni and Faculty Association Travel Award	4	\$2,000
Odyssey Fellowship	1	\$47,681
Odyssey Special Fellowship	4	\$40,000
The Berlex Oncology Award in Patient-Oriented Research - Poster	2	\$500
The Berlex Oncology Award in Patient-Oriented Research (1st place)	1	\$1,000
The Berlex Oncology Award in Patient-Oriented Research (2nd place)	1	\$750
The Bristol-Myers Squibb Award in Clinical/Transitional Research (1st place)	1	\$1,000
The Bristol-Myers Squibb Award in Clinical/Transitional Research (2nd place)	1	\$750
The Bristol-Myers Squibb Award in Clinical/Translational Research - Poster	2	\$500
The Connie and Jim Walter Fellowship in Sarcoma	1	\$2,500
The Del & Dennis McCarthy Fellowship in Experimental Surgery	2	\$8,000
The Janice Davis Singletary Fellowship for Lymphoma	1	\$1,500
The Jay and Lori Eisenberg Endowed Fellowship	1	\$1,500
The Jesse H. Jones Fellowship in Cancer Education	2	\$8,000
The Kimberly Patterson Fellowship in Leukemia Research	1	\$2,000
The Ruth B. Miller Memorial Fellowship	1	\$4,000
TOTAL	22	\$125,831