



Joint Admission Medical Program

2006 *Program Report*

*Report to the Governor,
Lieutenant Governor and the Speaker of the House
Pursuant to Chapter 51, Texas Education Code, subchapter V, Section 51.834*

Joint Admission Medical Program



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Introduction

This report is to comply with Chapter 51, Texas Education Code, subchapter V, Section 51.834. The report consists of the following sections:

- I. The number of students admitted to the program
- II. General report of activities performed by the JAMP Council, staff and other people involved in the program.
- III. Report of undergraduate institutions program activities
- IV. Report of medical schools program activities
- V. Financial report of expenditures of funds appropriated for the purposes of the program
- VI. Audit report
- VII. Problems identified in implementing the program with recommended solutions for those problems



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JAMP Council

| | |
|---|---|
| Dr. Kathleen Fallon - Chair | The Texas A&M University System Health Science Center College of Medicine |
| Dr. Bernell Dalley - Vice chair | Texas Tech University Health Sciences Center School of Medicine |
| Dr. David Jones - Immediate Past Chair | The University of Texas Health Science Center at San Antonio Medical School |
| Dr. Alan Podawiltz | University of North Texas Health Science Center at Fort Worth - Texas College of Osteopathic Medicine |
| Dr. Wallace Gleason | The University of Texas Health Science Center at Houston Medical School |
| Dr. William Thomson | Baylor College of Medicine |
| Dr. James Richardson | The University of Texas Southwestern Medical Center at Dallas Southwestern Medical School |
| Dr. Clifford Houston | The University of Texas Medical Branch at Galveston School of Medicine |



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Participating Students

Students Admitted to Program

| Year Admitted | 2003 | 2004 | 2005 |
|------------------------|-------------|-------------|-------------|
| Number Admitted | 81 | 69* | 69* |

| Characteristics | 2003 | 2004 | 2005 |
|---|-------------|-------------|-------------|
| Male | 31% | 35% | 33% |
| Female | 69% | 65% | 67% |
| Number of Institutions with Participating Students | 30 | 36 | 30 |
| Public | 22 | 28 | 27% |
| Private | 8 | 8 | 3% |

| Students by Ethnicity | 2003 | 2004 | 2005 |
|-------------------------------|-------------|-------------|-------------|
| African American | 12% | 13% | 9% |
| Hispanic | 35% | 32% | 38% |
| Asian Pacific Islander | 21% | 20% | 16% |
| Caucasian | 28% | 29% | 33% |
| All Others | 4% | 6% | 1% |

- The number of students admitted in Entry Year 2004 & 2005 was reduced to 69 due to the reduction of funds appropriated to the Texas Higher Education Coordinating Board for JAMP.

Current Student Enrollment

Current Enrollment by Undergraduate Institution Entry Years 2004 & 2005

Public Institutions

| | | | |
|---------------------------------------|----|--|----|
| Angelo State University | 4 | Texas Woman's University | 4 |
| Lamar University | 3 | The University of Texas at Arlington | 3 |
| Midwestern State University | 1 | The University of Texas at Austin | 16 |
| Prairie View A&M University | 5 | The University of Texas at Brownsville | 5 |
| Stephen F. Austin State University | 3 | The University of Texas at Dallas | 4 |
| Tarleton State University | 4 | The University of Texas at El Paso | 7 |
| Texas A&M International University | 2 | The University of Texas at San Antonio | 3 |
| Texas A&M University | 16 | The University of Texas at Tyler | 2 |
| Texas A&M University – Commerce | 2 | The University of Texas of the Permian Basin | 3 |
| Texas A&M University – Corpus Christi | 2 | The University of Texas – Pan American | 5 |
| Texas A&M University – Galveston | 1 | University of Houston | 13 |
| Texas A&M University – Kingsville | 3 | University of Houston – Downtown | 2 |
| Texas Southern University | 1 | University of North Texas | 4 |
| Texas State University – San Marcos | 2 | West Texas A&M University | 2 |
| Texas Tech University | 4 | | |

Private Institutions

| | | | |
|----------------------------|---|----------------------------|---|
| Austin College | 2 | Texas Christian University | 1 |
| Dallas Baptist University | 1 | Trinity University | 1 |
| Hardin-Simmons University | 1 | Wayland Baptist University | 1 |
| Houston Baptist University | 1 | Wiley College | 1 |
| Rice University | 1 | | |

Total of Current Undergraduate Participating Students = 132

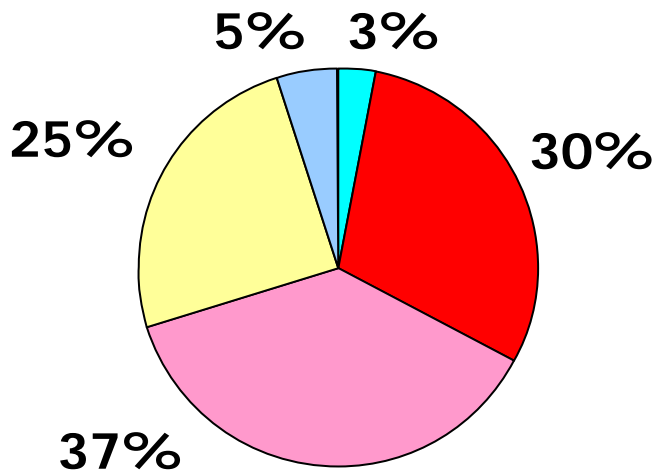
Current Student Enrollment

Current Enrollment by Medical School

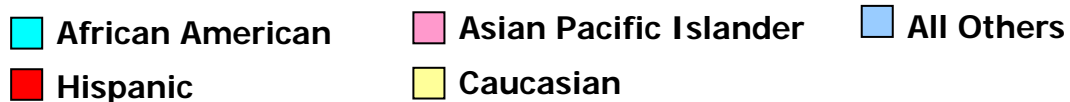
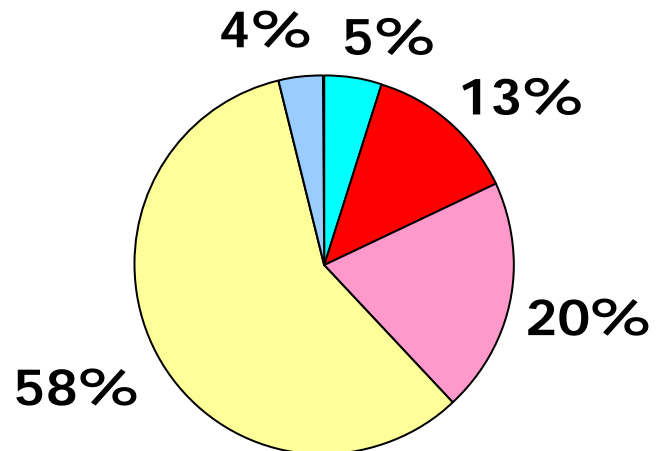
| | |
|---|---|
| Baylor College of Medicine | 3 |
| Texas A&M University Health Science Center | 2 |
| Texas Tech Health Sciences Center | 4 |
| University of North Texas Health Science Center/Texas College of Osteopathic Medicine | 4 |
| University of Texas Health Science Center at Houston | 5 |
| University of Texas Health Science Center at San Antonio | 5 |
| University of Texas Southwestern Medical Center School of Medicine | 6 |
| University of Texas Medical Branch | 5 |

Total of Current Medical School Participating Students = 34

JAMP First Medical School Class



Regular Medical School Admissions



Current Student Enrollment

Comments from current JAMP medical school students

Renee' DeLaTorre, UT Health Science Center at San Antonio

“The biggest benefit of being a JAMP student was the exposure to the medical field that I received during the summer internships at the medical schools. That exposure included preceptorships, medical school classes that I was able to attend, getting to know administrators and faculty and meeting new friends from all over the state of Texas.”

Audrey Sato, University of North Texas Health Science Center/ Texas College of Osteopathic Medicine

“The JAMP program has really made all of my experiences fantastic. For other students, getting experience in the medical field can be really difficult because it takes away from your study time and working to earn money to pay for school. The summer internships have allowed me to do so many things that I would never have been able to do because I would have had to work a summer job.”

Courtney Carmichael, Baylor College of Medicine

“The transition to medical school has been somewhat eased by my experiences in JAMP. While the curriculum has been challenging, previous summer experiences at different medical schools gave me an idea as to the structure of medical school education. JAMP allowed me to participate in many activities that I feel have given me an advantage over my classmates. The preceptorships each summer gave me valuable clinical experience, to see medicine from the viewpoint of a physician. I feel JAMP allowed me to start medical school with less anxiety and apprehension which allowed me to focus on studying. The greatest challenge I have faced since I started medical school is the sheer volume of information we are expected to learn, but JAMP prepared me for this. It is truly an amazing program, and I am extremely grateful to be a part of JAMP.”

Nathan Loo, Baylor College of Medicine

“The medical school experience has been better than what I had expected during my undergraduate studies. The main challenges I've faced thus far have been the amount of material presented and managing my time. JAMP prepared me for understanding what medical school faculty expect of students (professionalism, integrity, etc). JAMP sets me apart from other classmates because I was allowed to immerse myself in the medical school mindset every summer with other equally motivated students and build a camaraderie that every future doctor should experience. I am thankful for my JAMP experiences and all the JAMP faculty and students I have met.”

Public Universities

Application Progression Report

Entry Year 2004

| | 2002-03 Program Openings | Applicants Considered | Applicants Interviewed | Applicants Accepted |
|----------------------------------|--------------------------------|--------------------------|---------------------------|------------------------|
| Angelo State University | 2 | 8 | 7 | 3 |
| Lamar University | 2 | 3 | 2 | 1 |
| Midwestern State University | 2 | 0 | 0 | 0 |
| Prairie View A&M University | 2 | 4 | 4 | 3 |
| Sam Houston State University | 2 | 1 | 0 | 0 |
| Stephen F. Austin State Univ. | 2 | 4 | 2 | 2 |
| Sul Ross State University | 2 | 2 | 2 | 1 |
| Tarleton State University | 2 | 7 | 5 | 3 |
| Texas A&M International | 2 | 4 | 4 | 2 |
| Texas A&M Galveston | 2 | 1 | 1 | 1 |
| Texas A&M University | 2 | 16 | 14 | 6 |
| Texas A&M Commerce | 2 | 3 | 2 | 2 |
| Texas A&M Corpus Christi | 2 | 1 | 1 | 1 |
| Texas A&M Kingsville | 2 | 2 | 1 | 1 |
| Texas State University | 2 | 3 | 1 | 1 |
| Texas Southern University | 2 | 1 | 0 | 0 |
| Texas Tech University | 2 | 8 | 5 | 4 |
| Texas Woman's University | 2 | 3 | 3 | 2 |
| UT Arlington | 2 | 5 | 2 | 2 |
| UT Austin | 2 | 22 | 21 | 5 |
| UT Brownsville | 2 | 4 | 4 | 2 |
| UT Dallas | 2 | 6 | 5 | 2 |
| UT El Paso | 2 | 4 | 4 | 1 |
| UT San Antonio | 2 | 5 | 4 | 3 |
| UT Tyler | 2 | 4 | 3 | 2 |
| UT Permian Basin | 2 | 3 | 3 | 1 |
| UT Pan American | 2 | 4 | 3 | 2 |
| University of Houston | 2 | 15 | 11 | 4 |
| Univ. of Houston-Downtown | 2 | 2 | 2 | 2 |
| University of North Texas | 2 | 1 | 1 | 1 |
| West Texas A&M University | 2 | 1 | 1 | 1 |
| Public Institutions Total | 62 | 147 | 118 | 61 |

Application Progression Report

Private Universities

| <i>Entry Year 2004</i> | 2002-03 Program Openings | Applicants Considered | Applicants Interviewed | Applicants Accepted |
|-----------------------------------|--------------------------|-----------------------|------------------------|---------------------|
| Austin College | * | 3 | 3 | 1 |
| Hardin - Simmons University | * | 1 | 1 | 1 |
| Houston Baptist University | * | 2 | 2 | 1 |
| Our Lady of the Lake University | * | 0 | 0 | 0 |
| Rice University | * | 6 | 6 | 1 |
| Texas Christian University | * | 1 | 1 | 1 |
| Texas Lutheran University | * | 1 | 1 | 1 |
| Trinity University | * | 1 | 1 | 1 |
| Univ. of the Incarnate Word | * | 1 | 0 | 0 |
| Wayland Baptist University | * | 2 | 2 | 1 |
| Private Institutions Total | 7* | 18 | 17 | 8 |

| | | | | |
|-------------------------------|-----------|------------|------------|-----------|
| All Institutions Total | 69 | 165 | 135 | 69 |
|-------------------------------|-----------|------------|------------|-----------|

*The private schools were allocated seven slots to be selected from eligible students within this year's private and independent rotation. There were qualified applicants from eight private and independent institutions. The Council elected to allocate an additional slot.

Public Universities

Application Progression Report

| <i>Entry Year 2005</i> | 2004-05 Program Openings | Applicants Considered | Applicants Interviewed | Applicants Accepted |
|------------------------------------|-----------------------------|--------------------------|---------------------------|------------------------|
| Angelo State University | 2 | 3 | 2 | 1 |
| Lamar University | 2 | 4 | 4 | 3 |
| Midwestern State University | 2 | 2 | 1 | 1 |
| Prairie View A&M University | 2 | 3 | 3 | 2 |
| Sam Houston State University | 2 | 1 | 1 | 1 |
| Stephen F. Austin State University | 2 | 3 | 3 | 2 |
| Sul Ross State University | 2 | 0 | 0 | 0 |
| Tarleton State University | 2 | 1 | 1 | 1 |
| Texas A&M International | 2 | 1 | 0 | 0 |
| Texas A&M Galveston | 2 | 1 | 1 | 1 |
| Texas A&M University | 2 | 16 | 12 | 7 |
| Texas A&M Commerce | 2 | 0 | 0 | 0 |
| Texas A&M Corpus Christi | 2 | 4 | 4 | 3 |
| Texas A&M Kingsville | 2 | 4 | 4 | 3 |
| Texas Southern University | 2 | 2 | 2 | 1 |
| Texas State Univ. - San Marcos | 2 | 2 | 2 | 1 |
| Texas Tech University | 2 | 5 | 4 | 3 |
| Texas Woman's University | 2 | 5 | 4 | 2 |
| UT Arlington | 2 | 2 | 2 | 2 |
| UT Austin | 2 | 18 | 18 | 7 |
| UT Brownsville | 2 | 7 | 7 | 3 |
| UT Dallas | 2 | 7 | 7 | 3 |
| UT El Paso | 2 | 2 | 2 | 1 |
| UT San Antonio | 2 | 2 | 2 | 2 |
| UT Tyler | 2 | 1 | 1 | 0 |
| UT Permian Basin | 2 | 2 | 2 | 2 |
| UT Pan American | 2 | 4 | 4 | 3 |
| University of Houston | 2 | 11 | 11 | 5 |
| University of Houston-Downtown | 2 | 1 | 1 | 1 |
| University of North Texas | 2 | 6 | 6 | 3 |
| West Texas A&M University | 2 | 2 | 2 | 2 |
| Public Institutions Total | 62 | 128 | 113 | 66 |

Application Progression Report

Private Universities

Entry Year 2005

| | 2004-05 Program Openings | Applicants Considered | Applicants Interviewed | Applicants Accepted |
|-----------------------------------|-----------------------------|--------------------------|---------------------------|------------------------|
| University of Dallas | | 1 | 1 | 1 |
| Texas Wesleyan University | | 0 | 0 | 0 |
| Huston-Tillotson University | | 0 | 0 | 0 |
| LeTourneau University | | 0 | 0 | 0 |
| Saint Edward's University | | 0 | 0 | 0 |
| Texas College | | 0 | 0 | 0 |
| Wiley College | | 1 | 1 | 1 |
| McMurry University | | 0 | 0 | 0 |
| East Texas Baptist University | | 0 | 0 | 0 |
| Dallas Baptist University | | 1 | 1 | 1 |
| Southwestern Adventist University | | 0 | 0 | 0 |
| Concordia Lutheran College | | 0 | 0 | 0 |
| Private Institutions Total | 7 | 3 | 3 | 3 |

| | | | | |
|-------------------------------|-----------|------------|------------|-----------|
| All Institutions Total | 69 | 131 | 116 | 69 |
|-------------------------------|-----------|------------|------------|-----------|

Public Universities

Application Progression Report

| <i>Entry Year 2006*</i> | 2006-07 Program Openings | Applicants Considered | Applic. to be Interviewed | Applicants Accepted |
|------------------------------------|-----------------------------|--------------------------|------------------------------|------------------------|
| Angelo State University | 2 | 2 | 1 | * |
| Lamar University | 2 | 3 | 3 | * |
| Midwestern State University | 2 | 0 | 0 | * |
| Prairie View A&M University | 2 | 0 | 0 | * |
| Sam Houston State University | 2 | 2 | 2 | * |
| Stephen F. Austin State University | 2 | 2 | 2 | * |
| Sul Ross State University | 2 | 0 | 0 | * |
| Tarleton State University | 2 | 2 | 2 | * |
| Texas A&M International | 2 | 2 | 2 | * |
| Texas A&M Galveston | 2 | 0 | 0 | * |
| Texas A&M University | 2 | 16 | 15 | * |
| Texas A&M Commerce | 2 | 0 | 0 | * |
| Texas A&M Corpus Christi | 2 | 2 | 2 | * |
| Texas A&M Kingsville | 2 | 0 | 0 | * |
| Texas Southern University | 2 | 0 | 0 | * |
| Texas State Univ. - San Marcos | 2 | 2 | 2 | * |
| Texas Tech University | 2 | 3 | 3 | * |
| Texas Woman's University | 2 | 2 | 2 | * |
| UT Arlington | 2 | 3 | 2 | * |
| UT Austin | 2 | 11 | 9 | * |
| UT Brownsville | 2 | 3 | 3 | * |
| UT Dallas | 2 | 3 | 3 | * |
| UT El Paso | 2 | 2 | 2 | * |
| UT San Antonio | 2 | 9 | 8 | * |
| UT Tyler | 2 | 2 | 2 | * |
| UT Permian Basin | 2 | 4 | 3 | * |
| UT Pan American | 2 | 7 | 7 | * |
| University of Houston | 2 | 8 | 8 | * |
| University of Houston-Downtown | 2 | 2 | 2 | * |
| University of North Texas | 2 | 5 | 4 | * |
| West Texas A&M University | 2 | 1 | 1 | * |
| Public Institutions Total | 62 | 98 | 90 | ?? |

Application Progression Report

Private Universities

| <i>Entry Year 2006*</i> | 2006-07 Program Openings | Applicants Considered | Applic. to be Interviewed | Applicants Accepted |
|-----------------------------------|-----------------------------|--------------------------|------------------------------|------------------------|
| Baylor University | ** | 2 | 2 | * |
| Southwestern University | ** | 1 | 1 | * |
| Abilene Christian University | ** | 0 | 0 | * |
| Lubbock Christian University | ** | 2 | 2 | * |
| Saint Mary's University | ** | 2 | 2 | * |
| University of Mary Hardin Baylor | ** | 1 | 1 | * |
| Schreiner University | ** | 1 | 1 | * |
| Paul Quinn College | ** | 0 | 0 | * |
| Howard Payne University | ** | 0 | 0 | * |
| Jarvis Christian College | ** | 0 | 0 | * |
| University of Saint Thomas | ** | 1 | 1 | * |
| Southern Methodist University | ** | 0 | 0 | * |
| Private Institutions Total | 7** | 10 | 10 | ?? |

| | | | | |
|-------------------------------|-----------|------------|------------|-----------|
| All Institutions Total | 69 | 108 | 100 | 69 |
|-------------------------------|-----------|------------|------------|-----------|

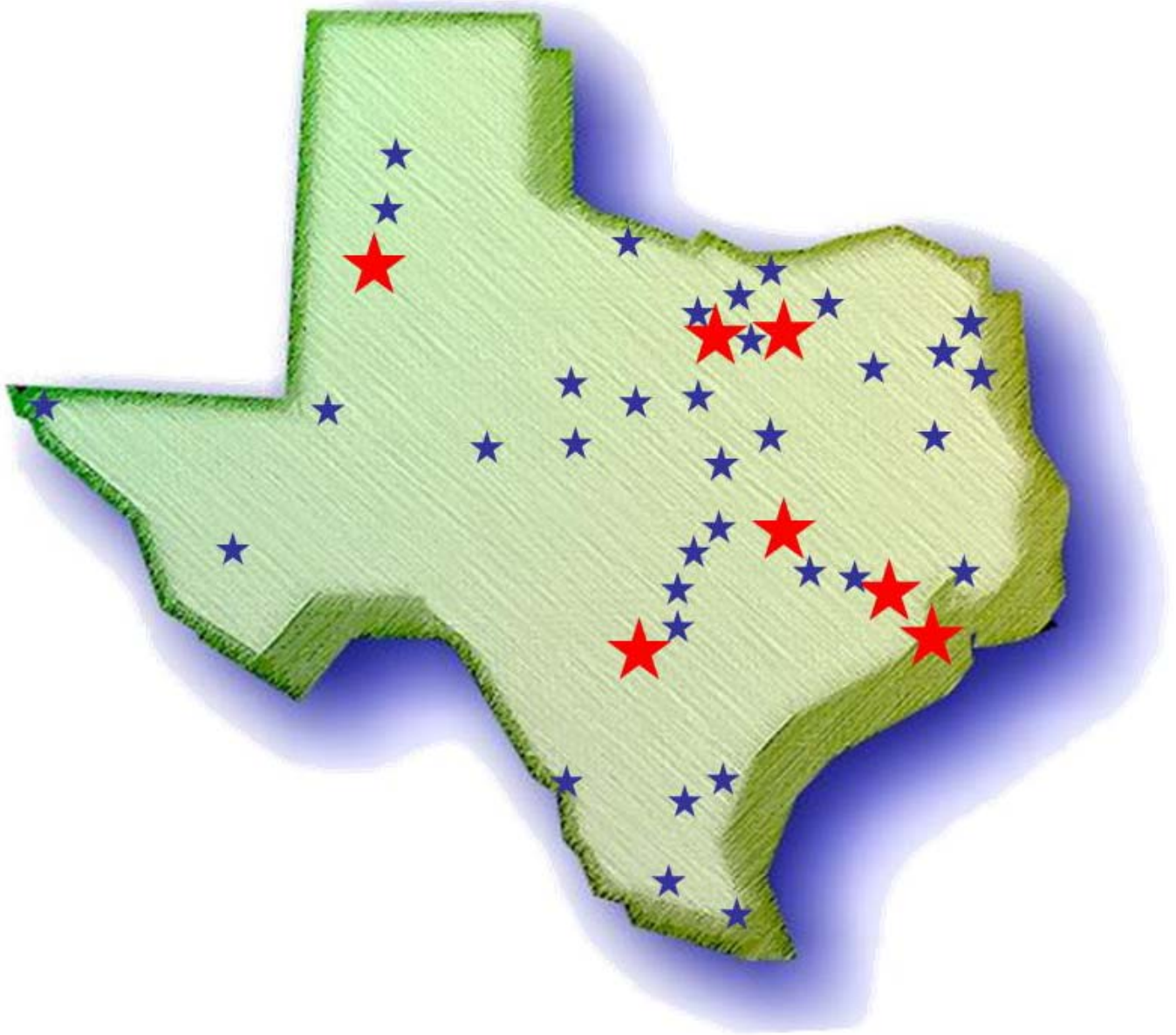
* Section 51.826(5) was changed by SB 1247, 79th Texas Legislature to reflect that applicants would be admitted to the program during the fall semester of their sophomore year.

Entry year 2006 is the first class under the new statute. The applications for this class began Spring 2006 and the selection process will be conducted in the fall of 2006.

** The private schools were allocated seven slots to be selected from eligible students within this year's private and independent rotation.

Current Student Enrollment

Geographical Representation
of Participating Institutions





Progress Report



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Progress Report

The Council, in executing its duties as described in the statute, has taken the following actions listed in this section:

- Established medical school matriculation process
- Established Medical College Admission Test (MCAT) requirement
- Filed SBI247 to change entry date into program to sophomore year
- Received mentoring proposal to “give back to JAMP” from participating students
- Conducted regional meetings for undergraduate JAMP faculty directors at medical schools
- Split summer II and III internship programs into four schools each and standardized curriculum
- Suggested election of JAMP Faculty Directors to attend Council meetings as consultants
- Developed surveys for all students about to enter medical school and JAMP faculty directors
- Appointed a committee to establish criteria for continuation as a JAMP medical student
- Began discussion on pre-JAMP activities
- Made presentation to the Texas Higher Education Coordinating Board that included testimonials from two students who are currently in enrolled medical school
- Developed online JAMP classroom/bulletin board using Blackboard technology for the purpose of improving communication with all participants

Direct Mailings to Students (names obtained from the following sources)

| | |
|--------|--------------------------------------|
| 681 | Inquires from JAMP website |
| 10,151 | Universities/ JAMP Faculty Directors |

Recruiting Mailings (packets including brochures and posters)

| | |
|-----|---|
| 135 | High schools for college/career day/night programs |
| 50 | Go Centers - THECB “Closing the Gaps” College for Texans Campaign |



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Activity Reports

Undergraduate Schools

Undergraduate Schools Activity Report

The following information was compiled from activity reports submitted by the faculty directors from the 31 public universities and 34 private universities involved in the program.

JAMP Recruitment and Promotions

Presentations: (8,874 students reached through presentations by JAMP faculty directors)

92% presented to freshmen students about JAMP

71% presented at freshmen orientations

41% presented to freshmen science classes

53% presented to clubs and/or student organizations

Types of mailings used to promote the program:

(6,624 students reached with mailings from JFDs)

63% Letters

60% Brochures

63% Emails

High school visits:

300 High Schools where visited by JAMP Faculty Directors or University representatives

9,214 High School students where contacted as a result of these visits

Resources to support the JAMP participants:

Study/resource room:

74% of the institutions have study or resource rooms

60% of the institutions used JAMP funds to establish a new facility

46% of the institutions used JAMP funds to improve existing facility

81% of the institutions study/resource room available to non-JAMP students

Medical Journals and Guides:

96% of the institutions provide medical school admission guides

91% of the institutions provide MCAT study materials

56% of the institutions provide supplemental study materials for science classes

81% of the institutions provide Texas medical school catalogues

65% of the institutions provide Medical journals (e. g. *JAMA*, *New England Journal of Medicine*)

Undergraduate Schools Activity Report

Activities and learning opportunities developed for JAMP students at participating universities:

- 83% provided opportunities to participate in scientific research
- 70% provided opportunities to attend medical and scientific lectures/ presentations
- 70% supported community service projects
- 70% provided opportunities to improve interviewing skills
- 48% provided opportunities to improve leadership development
- 54% provided opportunities to improve time management skills
- 43% provided opportunities to improve communication skills
- 57% provided opportunities to improve study skills
- 35% provided opportunities to improve critical thinking skills

Activities and learning opportunities developed for pre-JAMP students at participating universities:

- 69% provided opportunities to participate in scientific research
- 64% provided opportunities to attend medical and scientific lectures/ presentations
- 67% supported community service projects
- 42% provided opportunities to improve interviewing skills
- 51% provided opportunities to improve leadership development
- 58% provided opportunities to improve time management skills
- 47% provided opportunities to improve communication skills
- 60% provided opportunities to improve study skills
- 40% provided opportunities to improve critical thinking skills

Undergraduate Schools Activity Report

Comments from JAMP faculty directors based on their experience with JAMP

Dr. John Boucher , UT Tyler

“A major strength of the JAMP program is its outreach to students that may not have been able to pursue a career in medicine. Once recruited, the emphasis on tutoring is outstanding. Although not enough, the stipend support is also a strength. Many students may have gone on to a community/ junior college initially due to the tuition and fees and potentially may have been lost along the way (never to apply to medical school).”

Dr. Michael San Francisco, Texas Tech University

“Those students who have experienced the “JAMP-effect” continue to stay in touch, even those who were cut from the program for a variety of reasons. This speaks volumes to the mentoring and relationship building.”

Dr. Scott Gunn, UT Pan American

“JAMP provides a strong support system for the student and provides direction to ensure success. The summer program provides outstanding academic enrichment and practical experiences to engage and challenge the student. Both aspects are very important in student development.”

Dr. Oney Fitzpatrick, Lamar University

“The program provides an excellent opportunity for the targeted students to pursue an area that may have seemed impossible to them. The support they receive helps build confidence and allows them to focus their energies toward the ultimate goal of attending medical school.”

Dr. Debrah Beck, University of North Texas

“The JAMP at UNT benefited not only the few JAMP scholarship/mentored students but also other pre-medical, pre-dental, pre-vet and pre-optometry students in that they are allowed to utilize the JAMP tutors for help on any course. They are also able to utilize the resource materials and computers bought with JAMP funds.”

Dr. Alan Vince, UT San Antonio

“The fact that this opportunity exists is in itself a major success and one the State of Texas should be proud of as it is truly in the forefront in this regard.”



Activity Reports

Medical Schools

Medical Schools Activity Report

The following information was compiled from activity reports submitted by the council members from the eight medical schools involved in the program.

JAMP Recruitment and Promotions

The following are examples of recruiting activities performed at each of the medical schools

- Presentations at high school and college career fairs
- Presentations to undergraduate students visiting the medical schools
- Presentations at health professions recruitment programs conducted on undergraduate and medical school campuses
- Presentations to undergraduate health profession advisors at statewide meetings and on the undergraduate campuses

Mentoring Activities

The following are examples of mentoring activities provided by each of the medical schools to support the JAMP students and the undergraduate faculty directors.

- Each of the medical school coordinators maintain contact with the JAMP students by email and follow up telephone calls
- Faculty directors and medical school representatives attended JAMP regional meetings to discuss the program and exchange best practices to better serve the JAMP students
- Medical school coordinators contact each of their mentee's faculty directors to discuss the students' evaluations from summer internships and academic progress throughout the year

Summer Program Internship Activities

Summer 2005

For a second year, Baylor College of Medicine hosted all sixty-nine new JAMP students for the summer program. Baylor integrated the JAMP students into its honors Premedical Academy, a long-running summer program operated by Baylor College of Medicine in partnership with Rice University. The six-week program provided nine semester hours of undergraduate credit for three courses – medical technical communication, anatomy/physiology and a preceptorship in the health sciences. The program also provided seminars on medical ethics, in-depth information about preparation for medical school, one-on-one mentoring/advising by Baylor faculty, interaction with medical students, clinical experiences, and the opportunity to learn about the medical school curriculum and profession.

Medical Schools Activity Report

Summer 2005 (continued)

Bringing all of the first-year JAMP students together in one place for the summer allowed those students from remote areas of the states and small campuses to interact with their peers from larger universities and diverse backgrounds. The academic rigor of the program, together with tutoring and support in study skills provided, helps to strengthen students' academic preparation, regardless of their skill level and educational background. Student evaluations of the program indicate significant perceived gains in knowledge of anatomy, physiology, the medical field and the pathway to medical school; improved skills in written and verbal communication; and increased understanding of medical practice and health care issues.

Each of the seven public medical schools hosted both Summer II and Summer III programs. Courses taught for the Summer II group included Physiology, Biochemistry, professional helping skills, learning and study skills and a Kaplan MCAT preparation course. Courses taught for the Summer III group included Embryology, Ethics, professional helping skills, medical school application workshops and presentation workshops. Both groups had the opportunity to participate in clinical rotations with preceptors, mentoring interactions with current medical students and various social activities.

Summer 2006

Section 51.826(5) was changed by SB 1247, 79th Texas Legislature to reflect that applicants would be admitted to the program during the fall semester of their sophomore year. Thus, the summer program between the students' freshman and sophomore years (Summer I) was eliminated.

With no Summer I internship to conduct, the JAMP Council voted that four of the eight medical schools would offer the Summer II and four would offer the Summer III programs. The Summer II participants were assigned to programs based on their science coursework to date. This was done so that the curriculum, particularly the MCAT prep course, could be tailored to the appropriate level for each site. The basic curriculum for the two programs was similar to the Summer 2005 curriculum and included clinical rotations, interactions with the current medical students and various social activities for all participants.

Program Strengths

- Support network created among JAMP students, undergraduate faculty and medical school faculty and administrators through meetings, summer programs, mentoring and continuous communication efforts.

Medical Schools Activity Report

Program Strengths (continued)

- Summer internship experiences at the medical schools. The summer internships provide opportunities for JAMP students to gain exposure to the medical field and medical school curriculum and interact with medical students and faculty.
- Statewide educational infrastructure created through the interactions among the eight medical schools and over sixty public and private undergraduate institutions. Through these relationships JAMP is able to deliver an exclusive communication system and supplemental instruction modules to support and enhance the students' educational program at their home undergraduate institution.
- Opportunities available to economically disadvantaged students during their freshman year in college to assist in the adjustment to college life and to obtain academic support as needed.
- Potential of increasing the number of physicians returning to medically underserved areas.

Comments from JAMP Council based on their observation of the program

Baylor College of Medicine

“JAMP has provided Texas medical schools the opportunity to gain valuable insight into the curriculum and support structures available to economically disadvantaged students at the undergraduate schools.”

“The population of students targeted by JAMP is extremely diverse in both academic and social background. Thus individualized advising and support strategies are needed to address the specific challenges and experiences of each student.”

UT Health Science Center at Houston

“We have a much better idea of the nature of premedical education. This may allow JAMP to play a role in the development and discussion of the characteristics, including, but not limited to uniformity of the ideal premedical curriculum.”

UT Southwestern Medical Center

“We have learned from the population of students that many are vulnerable to family situations. Expectations and demands of parents can distract or even derail promising JAMP students.”

UT Medical Branch

“The highest priority for improvement for the JAMP program is to secure increased levels of funding so that adequate scholarship or other monetary support can be offered to JAMP students.”



Financial Report

Financial Report

Fiscal Year 2005 to 2006

| | FY 2005 | FY 2006 | PROJECTED FY 2007 |
|--|--------------------|--------------------|----------------------|
| BEGINNING BALANCE | \$2,686,685 | \$463,763 | \$2,158,863 |
| INCOME | | | |
| THECB PROGRAM DISTRIBUTION | \$0 | \$3,316,355 | \$0 |
| TOTAL FUNDS AVAILABLE | \$2,686,685 | \$3,780,118 | \$2,158,863 |
| EXPENSES | | | |
| UNDERGRADUATE STUDENT SUMMER STIPENDS | \$555,000 | \$276,000 | \$276,000 |
| UNDERGRADUATE STUDENT SCHOLARSHIPS | \$260,000 | \$278,000 | \$317,000 |
| UNDERGRADUATE APPLICANT AWARD | \$0 | \$0 | \$10,100 |
| MEDICAL SCHOOL SCHOLARSHIPS | \$0 | \$34,000 | \$168,000 |
| STUDENT TRAVEL TO INTERVIEWS | \$67,500 | \$0 | \$103,500 |
| UNDERGRADUATE SCHOOLS PROGRAM COSTS | \$509,049 | \$306,432 | \$371,242 |
| MEDICAL SCHOOLS PROGRAM COSTS | \$360,000 | \$215,074 | \$233,776 |
| MEDICAL SCHOOLS SUMMER INTERNSHIP PROGRAM COSTS | \$307,000 | \$305,938 | \$313,000 |
| PRE JAMP OUTREACH PROGRAM | \$0 | \$0 | \$126,245 |
| ADMINISTRATIVE COSTS | \$164,373 | \$205,811 | \$240,000 |
| TOTAL EXPENSES | \$2,222,922 | \$1,621,255 | \$2,158,863 |
| ENDING BALANCE | \$463,763 | \$2,158,863 | \$0 |

Financial Report

Fiscal Year 2005 to 2006

Explanation of Financial Report and Uses of JAMP Funds

Texas Higher Education Coordinating Board (THECB) Program Distribution

Funds appropriated to the Texas Higher Education Coordinating Board for the purposes of the program and transferred to the Joint Admission Medical Program Council pursuant to agreements executed between the JAMP Council and the Texas Higher Education Coordinating Board and The University of Texas System.

Undergraduate Student Summer Stipends

Each student selected to the program received a stipend in the amount of \$3,000 in 2005 and \$2,000 in 2006 and is projected to receive \$2,000 in 2007 to attend a summer internship at one of the Texas Medical Schools. These funds are provided to the students to offset potential lost income from summer employment due to the required internship and to defray the costs of room and board during the summer internship.

Undergraduate Student Scholarships

Each student selected to the program received a scholarship in the amount of \$1,000 per semester during the reporting period and is projected to receive the same amount in FY2007. These funds are used to defray the students' cost of tuition and fees.

Undergraduate Applicant Award

Pursuant to Section 51.826(5)(c), the Council determined that a scholarship in the amount of \$100 will be awarded to all eligible applicants to the program for the 2006 entry year class.

Medical School Student Scholarships

Each student that entered medical school received a scholarship in the amount of \$1,000 for the 2006-2007 academic year. The projected amount of the scholarship for the 2007-2008 academic year is \$2,000. The funds are used to defray the student's cost of tuition and fees.

Student Travel to Interviews

To comply with Section 51.824 (6) (C) of the Texas Education Code, the Council determined that all qualified participating students will be required to interview at all eight medical schools. Each student was awarded \$1,500 to defray the expenses of traveling to the medical schools in FY2005 and is projected to receive the same amount in FY2007. Funds were not available in FY2006 for this purpose.

Financial Report

Fiscal Year 2005 to 2006

Undergraduate Schools Program Costs

Each public undergraduate school received \$15,000 per school, plus \$500 for each participating student in FY 2005 and \$15,000 per school in FY 2006. Each public undergraduate school in the program is projected to receive \$15,000 in FY 2007. The reported amounts in are net of unexpended prior year awards that were returned by the participating institutions. In FY 2005 the JAMP Council awarded \$519,500 and \$10,451 unexpended funds were returned for a net Undergraduate School Program Cost of \$509,049. In FY 2006, the JAMP Council awarded \$465,000 and \$158,568 unexpended funds were returned for a net Undergraduate School Program Cost of \$306,432. The projected award for FY 2007 will be \$465,000 with an expected return of unexpended funds of \$93,758 for a net projected Undergraduate School Program Cost of \$371,242. The unexpended funds will be reallocated for other program needs such as student travel for medical school interviews and medical school scholarships.

Within general guidelines established by JAMP Council, each institution determines how the funds will be used to meet its needs to effectively administer the program. The funds can be used to provide academic counseling, tutoring and mentoring to participating students, implement or expand appropriate degree programs and support the activities of the institution's JAMP Faculty Director.

Medical Schools Program Costs

Each medical school received \$45,000 in FY 2005 and \$40,000 in FY 2006 and is projected to receive \$40,000 in FY 2007. The reported amount in FY 2006 and the projected amount for FY 2007 are net of unexpended prior year awards that were returned by the participating institutions. In FY 2006, the JAMP Council awarded \$320,000 and \$104,926 unexpended funds were returned for a net Medical Schools Program Cost of \$215,074. The projected award for FY 2007 will be \$320,000 with an expected return of unexpended funds of \$86,224 for a net projected Medical Schools Program Cost of \$233,776. The unexpended funds will be reallocated for other program needs such as student travel for medical school interviews and medical school scholarships.

As with the undergraduate institutions, each medical school determines how the funds will be used within the general guidelines established by the JAMP Council. The funds can be used to recruit eligible undergraduate students for admission to the program, support the commitment of faculty and administrative resources to the program and provide mentoring and other support services to students selected to participate in the program.



Financial Report

Fiscal Year 2005 to 2006

Medical Schools Summer Internship Program Costs

Each medical school receives \$2,000 per participating student assigned to the school for the summer internship program to offset the costs of the internship. The costs involved with the programs include paying faculty to teach specially designed courses, facility costs, expendable equipment and laboratory supplies and salaries paid to program administrative staff. The second year program also included a formal MCAT review course taught on site at each medical school.

Pre-JAMP Outreach Program

The JAMP Council approved the allocation of funds to establish a regional outreach program between the medical and undergraduate schools. The funds will be used to enhance the recruitment and retention efforts of pre-JAMP participants in their freshman year of college.

Administrative Costs

Funds allocated to administrative costs are used for office equipment, standard maintenance and operation expenses and salaries and related expenses needed to administer the program. The 2006 and projected 2007 administrative costs also include funds used in development activities.



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Audit Report



**The University of Texas System Audit Office
Joint Admission Medical Program Audit
FY 2007**

December 12, 2006

Mr. Budge Mabry
Director of the Joint Admission Medical Program
The University of Texas System Administration
702 Colorado Street, Suite 6.400
Austin, Texas 78701

Dear Mr. Mabry:

The University of Texas ("UT") System Audit Office has completed its financial audit of the Joint Admission Medical Program ("JAMP") for the fiscal years ("FY") ending August 31, 2005 and August 31, 2006. Our examination was conducted in accordance with the guidelines set forth in The Institute of Internal Auditors' *International Standards for the Professional Practice of Internal Auditing*.

The objective of this audit was to determine the reliability and integrity of key financial information reported by JAMP in its financial statement, which details revenues and expenditures of the JAMP Office at UT System Administration. This audit is to be performed every even numbered year as required by the agreement between the JAMP Council and UT System Administration. The audit included financial activity from September 1, 2004 through August 31, 2006. We have previously audited the financial activity for FY 2003 and FY 2004.

In our opinion, the financial information reported in the accompanying JAMP financial statement is materially correct and fairly represents JAMP activity for FY 2005 and 2006.

We appreciate the assistance provided by you and your staff and look forward to a continuing relationship with your department.

Charles G. Chaffin

Charles G. Chaffin
Director of Audits

Eric J. Polonski

Eric J. Polonski
Manager of Audit

cc: Kenneth I. Shine, M.D., Executive Vice Chancellor for Health Affairs
Kathleen Fallon, M.D., JAMP Council Chair

**JOINT ADMISSION MEDICAL PROGRAM
FINANCIAL REPORT
FISCAL YEARS ENDED 2005 AND 2006**

| | <u>FY 2005</u> | <u>FY 2006</u> |
|--|-------------------|---------------------|
| BEGINNING BALANCE | \$ 2,686,685 | \$ 463,763 |
| INCOME - THECB PROGRAM DISTRIBUTION | - | 3,316,355 |
| EXPENSES | | |
| UNDERGRADUATE STUDENT SUMMER STIPENDS | 555,000 | 276,000 |
| UNDERGRADUATE STUDENT SCHOLARSHIPS | 260,000 | 278,000 |
| MEDICAL SCHOOL SCHOLARSHIPS | - | 34,000 |
| STUDENT TRAVEL TO INTERVIEWS | 67,500 | - |
| UNDERGRADUATE SCHOOLS PROGRAM COSTS | 509,049 | 306,432 |
| MEDICAL SCHOOLS PROGRAM COSTS | 360,000 | 215,074 |
| MEDICAL SCHOOLS SUMMER INTERNSHIP PROGRAM COSTS | 307,000 | 305,938 |
| ADMINISTRATIVE COSTS | 164,373 | 205,811 |
| TOTAL EXPENSES | <u>2,222,922</u> | <u>1,621,255</u> |
| ENDING BALANCE | <u>\$ 463,763</u> | <u>\$ 2,158,863</u> |



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Program Modifications

Program Modifications

The JAMP Council has identified the following concerns in the implementation of the program. The recommended solutions are described below.

1. Underutilization of qualified economically disadvantaged students from private or independent institutions of higher education

In accordance with Section 51.824(b), private or independent institutions of higher education are allocated 10% of JAMP program openings on a rotating basis. Due to the limitations of the statute, the 34 private or independent institutions are permitted to have their students apply for the program only once every three years. Generally, these schools have a very small number of students that are considered economically disadvantaged and thus an even smaller pool of students who may be interested in a medical career. Thus, it is a common occurrence that when a private/independent institution's students are eligible to submit an application under the rotation, there are no minimally qualified students available that given year. Yet in years when the institution's students cannot apply, there are, in fact some students who meet the minimum requirements for JAMP. Thus, JAMP has been unable to fully capitalize on the limited number of economically disadvantaged students who attend private or independent institutions of higher education.

Additionally, the Council has found that students benefit the most when an institution's support of JAMP is continuous and consistent. It is difficult to get any institutional momentum if an institution only had a student admitted into JAMP once every three years.

The Council proposes to remove the 10% restriction on private or independent institutions of higher education and to allocate each private or independent institution one program opening each year. If there are insufficient program openings to accommodate two students from each public institution and one student from each private or independent institution, then the Council should be allowed to allocate the openings as necessary to accomplish the purpose of JAMP. In that situation, the number of openings allocated to private or independent institutions could be limited to no more than 30%.

2. Transfer students from community colleges

Presently to be eligible for admission into JAMP, a student or program alternate must "enroll at a general academic teaching institution or a private or independent institution of higher education not later than the first fall semester following the student's graduation from high school." Texas Education Code, sec. 51.826(a)(1). Often times, especially at small general academic teaching institutions, students transfer from community colleges. However, because of the wording of the statute, these students are not eligible to enter JAMP because they did not enter a general academic teaching institution the first semester following graduation from high school. Smaller institutions often are unable to identify students eligible for JAMP under the current eligibility criteria. The Council believes that modifying the standard to allow consideration of students who transfer from community colleges will allow for greater participation in the program by all institutions and further advance the mission of the program.

Program Modifications

3. Modification of the deadline date for application to JAMP

Presently, section 51.826(a)(4) provides that applications to JAMP must be submitted by September 1 of the fall semester of the student's sophomore year. This date is extremely early within the fall semester. Given the commencement of the academic year, it has been extremely difficult for the students and institutions to meet the September 1 deadline. The Council believes that a date later in the semester would be more effective in ensuring that all candidates for the JAMP have sufficient time to apply for the program.

4. Providing general academic teaching institutions greater flexibility in designating a person to implement JAMP

Sections 51.830 and 51.830 provides that a general academic teaching institution and private or independent institutions must select a faculty director to assist in implementing JAMP at the institution and in implementing or expanding the institution's degree programs as appropriate for the JAMP. Given the Legislatures specific use of the term "faculty director," the Council has required that the liaison must be a member of the faculty. However, institutions have indicated a preference for having some discretion in appointing a non-faculty member to be responsible for implementing the program at the institution. There are certain employees, particularly pre-health advisors, whose current responsibilities are consistent with the goals of JAMP and it would be more effective to designate those individuals as being responsible for implementing the JAMP program. The Council agrees with this assessment.

5. Clarification of the scope of the Council's ability to accept gifts and engage in fundraising

The Council is authorized to accept gifts and grants from any public or private source for the benefit of JAMP pursuant to Texas Education Code, section 51.833. In an effort to capitalize on this authority, the Council and its staff have supported the creation of a nonprofit entity, The Friends of JAMP Foundation (Foundation). Its purpose is to raise money to be donated to JAMP. Given that the Foundation is not a governmental entity, there is a concern that the Council or its administrative staff may not use its resources in assisting the Foundation in its mission. In order to erase any concerns, the Office of the Attorney General suggested that the statutory provision granting the Council authority to accept gifts be modified to specifically allow administrative staff to participate in the establishment and operation of an affiliated nonprofit organization. The Council agrees with this recommendation.



Program Modifications

6. Requiring institutions of higher education and other entities that receive JAMP funds to submit an audit

The Council is required to submit a biennial report to the Governor, the Lieutenant Govern and the Speaker of the House. Tex. Education Code, § 51.834. The report must include detailed information regarding the expenditure of any money received by JAMP. To comply with this requirement, the Council, in its agreements with the institutions, has requested that the institutions submit a biennial audit of the program expenditures for the proceeding two fiscal years. However, a concern was raised that the Texas Single Audit Circular prohibits non-profit organizations receiving more than \$500,000 in federal block grants from performing an internal program-specific audit for JAMP expenditures unless an agreement specifically authorizes the private institution to use JAMP program funds to pay the costs of the audit by an external auditor or a statute specifically requires that the audit be performed. The Council believes that the adoption of specific statutory language requiring that any institution of higher education or other entity receiving JAMP funds must perform either an internal or external audit of JAMP expenditures and that the audit cost will be borne by the institution or entity would eliminate the concern and help it accomplish its statutory mandate.



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