

TTUHSC SOP COMMITTEE CHAIR'S ANNUAL REPORT
(Report Due June 1 following year of service)

COMMITTEE: Student Affairs Committee _____

YEAR:2005-06 _____

CHAIR: Kenneth McCall CHAIR ELECT: Jon Weidanz

MEMBERS AS APPOINTED BY THE DEAN OR ELECTED BY THE FACULTY:

Celestin Youan, Shane Greene, Butch Habeger, Krystal Haase, Thomas Thekkumkara,
Kalkunte Srivenugopal, Summer Balcer

Credentialing committee: Kenneth McCall - chair

Scholarship Subcommittee: Jon Weidanz - chair

NUMBER OF MEETINGS HELD DURING MAY 1-APRIL 30: 14

MAJOR INITIATIVES UNDERTAKEN DURING THE YEAR AND A DESCRIPTION OF ACCOMPLISHMENTS, BARRIERS TO FURTHER PERFORMANCE, AND WORK REMAINING FOR NEXT YEAR'S COMMITTEE TO COMPLETE: (Note: List each major initiative, then describe in narrative or bullet form the information requested. Use another page if necessary.)

1. The Student Affairs Committee (SAC) was charge with the task of examining the academic performance of our graduates comparing (1) those with a B.S. degree or higher upon admissions to those without a B.S. degree on admission; (2) those with advanced biologies and chemistries (3rd college year courses and above) with those with only first and second year biologies and chemistries.
 - a. Data collection, analysis, and presentation to committee completed.
 - b. Abstract from peer-reviewed manuscript accepted for publication in AJPE in September of 2006 is included in Appendix A.

2. Using the results of charge #1, determine whether either of these factors should be included in the admissions consideration.
 - a. At the November, 2005, student affairs meeting, the committee agreed to include a new diversity factor into the admissions process. This new diversity factor would include either advanced biology coursework or a science baccalaureate degree (B.S. or science B.A.). This new diversity factor would be considered with the other important diversity factors: bilingual proficiency, applicant's responsibilities while attending school,

- applicant's involvement in community or extracurricular affairs, and other diversity considerations such as life experiences.
- b. This motion was approved by the faculty at the December, 2005, faculty meeting and implemented in the Spring, 2006, admissions process.
3. Collaborate with the Faculty Development Committee to provide a "behavioral interviewing skills" training course for all faculty, preceptors, and professional students who participate in the applicant interviews.
 - a. Dr. Ahsan (faculty development chair) and Dr. McCall (student affairs chair) discussed and agreed upon a plan to address this issue as listed in Appendix B. This plan was approved by Student Affairs at the September, 2005, meeting.
 - b. Because the guest speaker, Dr. David Latif, was not available, the implementation of this plan has been delayed and this work remains for next year's committee to complete.
 4. Completed admission process in May, 2006, that admitted 90 students for the 2006 Pharm.D. Class. There were a total of 588 paid applicants and 192 interviews.
 5. Credentialing committee met in May of 2005 and January 2006 to determine the progressions of students enrolled at TTUHSC SOP for academic year 2005 in accordance with the bylaws.
 6. The SAC reviewed three cases of academic dishonesty and forwarded recommendations to the Dean in accordance with the bylaws.
 7. Scholarship Subcommittee: Awarded 63 scholarships totaling \$57,500. The total scholarship awarded in 05-06 are listed in appendix C.

DUTIES AND RESPONSIBILITIES ASSIGNED BY SCHOOL BYLAWS:

1. This Subcommittee shall review all applicants for admissions to the professional programs of the School of Pharmacy, conduct interviews, and make recommendations to the Dean on the admission of students.
2. This Subcommittee shall recommend to the Student Affairs Committee of the whole the disposition of each professional student, either for continuance, continuance with remediation, probation for one year with remediation, or suspension. The Student Affairs Committee shall annually make its recommendation to the Dean by June 1st of each year for each student enrolled in the School of Pharmacy.
3. This Subcommittee shall seek nominations and applications for student awards, including School administered scholarships, cash and other awards for achievement, and recommend recipients to the Student Affairs Committee of the whole. The Student Affairs Committee shall select students for each award and recommend the recipients to the Dean.

The above descriptions were taken directly from the SOP by-laws section under SAC responsibility section.

DUTIES AND RESPONSIBILITIES ASSIGNED BY DEAN'S CHARGE:

1. Examine the academic performance of our graduates comparing (1) those with a B.S. degree or higher upon admissions to those without a B.S. degree on admission; (2) those with advanced biologies and chemistries (3rd college year courses and above) with those with only first and second year biologies and chemistries. Report your findings to the faculty at its August faculty meeting.
2. Using the results of charge #1, determine whether either of these factors should be included in the admissions consideration.
3. Collaborate with the Faculty Development Committee to provide a "behavioral interviewing skills" training course for all faculty, preceptors, and professional students who participate in the applicant interviews.

WORK REMAINING FOR SUBSEQUENT COMMITTEE:

Implementation of the plan developed in conjunction with the Faculty Development Committee to provide a "behavioral interviewing skills" training course. This plan is included in Appendix B.

Submitted Electronically by Committee Chair
Chair's Signature

5/17/06
Date Submitted

Appendix A

Predictors of academic success in a doctor of pharmacy program.

Kenneth McCall, David Allen, David Fike

ABSTRACT:

Objectives: The objective of this study was to evaluate the correlation between specific prepharmacy college variables and academic success in the Texas Tech Doctor of Pharmacy program. The undergraduate college variables included pre-pharmacy grade-point-average (PP GPA), organic chemistry school type (2 or 4-year institution), chemistry, biology, and math courses beyond required prerequisites, and attainment of a B.S., B.A., or M.S. degree. Measurements of academic success in pharmacy school included cumulative first professional-year grade-point-average (P1 GPA), cumulative grade-point-average of all coursework finished to date (CUM GPA), and graduation without academic delay or suspension.

Methods: Undergraduate and pharmacy school transcripts for 424 students admitted to the Texas Tech Doctor of Pharmacy program between May of 1996 and May of 2001 were reviewed in August of 2005. Statistical analyses was performed using SPSS Release 11.5.

Results: Advanced biology courses and a B.S. degree prior to pharmacy school were each significantly correlated with a higher mean P1 GPA. Furthermore, the mean CUM GPA of students with a B.S. degree versus those without a B.S. degree was 86.36 and 84.90, respectively ($p=0.039$). Matriculates with advanced prerequisite biology coursework or a B.S. degree prior to pharmacy school were significantly more likely to graduate from the Doctor of Pharmacy program without academic delay or suspension ($p=0.021$ and $p=0.027$, respectively). Furthermore, multivariate analysis revealed that advanced biology coursework was significantly and independently associated with graduating on time ($p=0.044$).

Conclusions: Advanced biology coursework and a science baccalaureate degree were significantly associated with academic success in pharmacy school. On multivariate analysis, only advanced biology coursework remained a significant predictor of success.

Table 3: Number and percent of students with and without advanced prepharmacy math, chemistry, and biology courses stratified by Pharm.D. graduation status.

Graduation Status (Pharm.D.)	Advanced Math		Advanced Chemistry		Advanced Biology	
	No	Yes	No	Yes	No	Yes
On-time	261 (80.1%)	78 (79.6%)	207 (79.0%)	132 (81.5%)	129 (76.3%)	210 (82.4%)
Academically delayed/suspended	57 (17.5%)	19 (19.4%)	50 (19.1%)	26 (16.0%)	39 (23.1%)	37 (14.5%)
	p = 0.711		p = 0.443		p = 0.033	

Table 4: Number and percent of students stratified by highest prepharmacy college degree and Pharm.D. graduation status.*

Pharm.D. Graduation Status	Highest Degree				Total
	No degree	B.A.†	B.S.‡	M.S.§	
Graduated On-time	194 (79.5%)	25 (71.4%)	110 (82.7%)	10 (83.3%)	339 (80.0%)
Academically delayed graduation or academically suspended	47 (19.3%)	10 (28.6%)	19 (14.3%)	0 (0.0%)	76 (17.9%)
Withdrew for nonacademic reason	3 (1.2%)	0 (0.0%)	4 (3.0%)	2 (16.7%)	9 (2.1%)

*Significant correlation between highest prepharmacy college degree and Pharm.D. graduation status ($p = 0.007$).

†One student earned a B.S. and then a B.A. during prepharmacy college studies.

‡One student earned a B.A. and then a B.S. during prepharmacy college studies.

§Ten students earned a B.S. and two students earned a B.A. prior to a M.S. degree.

Appendix B

Plan developed in conjunction with the Faculty Development Committee to provide a “behavioral interviewing skills” training course.

- 1) Summer should contact the guest speaker, Dr. David Latif, that she has in mind and find from him two or three dates this fall that are best for his schedule. (If this fall is not good for him then we'll look to the spring of 06)
- 2) I'll forward these dates to members of both committees and we'll select the date that most committee members can attend.
- 3) The faculty who attend this workshop will then draft new admissions interview policies.
- 4) This new policy will be submitted to a full faculty meeting for discussion and approval. (Preferably the December 05 faculty meeting)
- 5) After faculty approval, a one or two page instruction guide for this new interview technique will be crafted and disseminated to all faculty and students who are involved in the admissions interview process. (This instruction guide should probably be disseminated by email at least a week in advance before a faculty person or student engages in interviews and should also be included in the interview packet that he/she picks up the day of the interview.)
- 6) Our goal will be to implement this new interview process by January 06. However, if that is not feasible, then January 07.
- 7) The faculty development committee does not have enough funds in the budget to cover the expenses of this guest speaker. Thus, other funds will need to be allocated.

Appendix C

Scholarships Distributed in 05-06

Scholarship	Total Amount	#	Committee Decisions	#
Albertsons	\$1,000	1	\$1,000	1
Amarillo Area Foundation	\$85,000	43		
Community Pharmacy	\$1,000	1	\$1,000	1
Honors Continuing	\$3,000	3		
Education Credit Union	\$750	1	\$750	1
Houston Edowment, Inc.	\$13,500	8	\$1,500	2
Katelyn Jill Turner	\$1,000	1	\$1,000	1
National Chain Drug Stores	\$1,500	1	\$1,500	1
Reinhaus Foundation	\$6,000	4	\$1,500	1
Reverend Arthur Nelson Memorial	\$250	1	\$250	1
*TTUHSC Rural Healthcare	\$50,000	22		
SOP Achievement	\$26,000	26	\$26,000	26
Texas Federation of Drug Stores	\$1,000	1	\$1,000	1
Tom Thumb/Safeway	\$2,000	2	\$2,000	2
United Supermarkets Pharmacies	\$4,000	4	\$4,000	4
WalMart	\$1,000	1	\$1,000	1
Weinstein	\$1,000	1	\$1,000	1
Dean's Leadership	\$2,500	5	\$2,500	5
Gary Collins	\$500	1	\$500	1
HEB	\$500	1	\$500	1
Medco Health Solutions	\$2,000	2	\$2,000	2
Michael Patry	\$500	1	\$500	1
Robert High Memorial	\$1,000	1	\$1,000	1
SOP Endowed	\$6,000	6	\$6,000	6
Tarrant County Pharmacy Association	\$500	1	\$500	1
West Texas Pharmacy Association	\$500	1	\$500	1
	\$212,000	140	\$57,500	63
Scholarships for Disadvantaged Students(GRANT)	\$233,053	73		
	<u>\$445,053</u>	<u>213</u>	<u>\$57,500</u>	<u>63</u>

*New scholars now chosen by TTUHSC