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The Trinity College Bulletin



REPORTS
OF THE
DEAN AND LIBRARIAN

Hartford, Connecticut November, 1947



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To the President of Trinity College:

Sir:

I have the honor to submit herewith as Dean of the College a report for the academic year 1946-47:

The exponential function y = a^X is a sharply rising curve that can be applied to various scientific phenomena. Bacterial growth, for instance, proceeds according to an exponential law. We could also have used y = a^X in the administrative offices during the summer of 1946 to plot the daily increase in the number of applications for re-admission received from former Trinity students together with the even more numerous inquiries from young men who had never been here before. Mr. Albert E. Holland took care of applications of the second kind, and I handled the men who had formerly studied at Trinity, but both of us were aware that we had our hands full. Although admissions work was new to Mr. Holland at the time, he deserves very high praise for the efficient operation and the gracious hospitality that characterize the Trinity Admissions Office.

In accordance with your wishes - and our own - we promised a place in our 1946-47 student body to every Trinity man who sought re-admission and who had left the College in good academic standing. At the same time, we enrolled a Freshman Class about sixty per cent larger than the corresponding pre-war groups. By the end of the summer I, for one, was dismayed to realize that we had accepted the responsibility of providing an education for more than eight hundred students in a plant that had once seemed crowded when we reached our former record of five hundred and fifty.

As I made plans for the school year to begin in September, I confess that there were times when I felt as though a herd of stampeding buffaloes would gallop into Alumni Hall on registration day and trample us underfoot. I was sure that we had taken every precaution possible with the resources at our disposal, but I did not overlook the desirability of keeping my fingers crossed. To my surprise, registration day and, indeed, the whole college year passed by much more smoothly than I had dared hope.

Foremost among the reasons for the successful continuance of our standards has been the unfailing willingness of my colleagues on our Faculty to accept academic burdens far more onerous than those that we carried in ante bellum days. I am happy to acknowledge your own interest in their welfare, and I deplore and resent any intimation from others that they have done no more than their duty. The entire academic profession has been overworked for several years and, in my opinion, to a greater extent than is true in most other walks of life. It receives but small thanks at best from society for its efforts, and I am glad to have the chance to testify that our College owes a considerable debt of gratitude to the Trinity Faculty.



In my own office, a major part of the important contacts with the student body has been delegated to Mr. Joseph C. Clarke, who began his duties as Assistant Dean in September, 1946. There would be an inexcusable gap in any report for the academic year that failed to stress the value of his services. Dean Clarke is popular among the students and is always interested in their problems. He has shown himself to be a tactful and effective administrator of student affairs. I wish to commend him to you and express my complete satisfaction with his performance of the duties of his office.

Enrollment and Registration in Courses

Although statistics for the war years are not comparable with current data, largely because of the three-term schedule that we followed during the Navy period, it is nevertheless interesting to place side by side the enrollment figures as of the last five Septembers. In a nutshell, I should say, such figures summarize many of the main problems that we have faced:

Total students	1942-43	1943-44	1944-45	1945-46	1946-47
registered September:	461	517	330	360	826
Change in per c	ent:	f 12.1%	-36.2%	1 9.1%	f 129.4%

(One need hardly add that a growth of 129% in a calendar year poses problems for those who must cope with it.)

It seems interesting to notice that the registration of students in courses during the past year marks a change to a distribution similar to the pre-war pattern. To be sure, our degree requirements have not changed materially, and one would expect the distribution to be fairly constant, although the prescribed Navy courses of study during the war years naturally caused a marked shift to Engineering, Mathematics, and Physics. The following table shows in percentage the number of courses completed last year by our student body in the various fields of learning represented by our curriculum. For comparison, the table indicates also the corresponding percentages for a typical war year as well as the average proportions during the six years before the war.

Subject		Distribution	by percentage
The second in the second second	Pre-War	War-Year	Post-War
	1935-41	1943-44	1946-47
Astronomy	0.8	toptament au	colomists has w
Biology	3.1	2.6	3.4
Chemistry	8.3	9.9	6.1
Classical Langs. and Civil		0.2	1.2
Economics	5.8	1.3	9.0
Education	1.5	1.1	2.0
Engineering	1.8	15.8	3.5
English	12.9	8.5	12.6
Fine Arts	1.6	0.1	2.5
Geology German	2.9	1.9	2.5
History and Government	7.9	1.8	2.9
Linguistics	10.1	8.5	12.2
Mathematics	9.8	20.1	
Music	0.7	0.5	8.7
Philosophy	5.6	0.6	5.7
Physics	5.5	20.5	5.9
Physiology and Hygiene	2.2	1.8	1.8
Psychology	5.6	1.7	6.6
	2.0	1	0.0

Subject		Distribution	by percentage
	Pre-War	War-Year	Post-War
	1935-41	1943-44	1946-47
Reading Course	0.6	0.5	0.3
Religion	0.5		0.3
Romance Languages	7.0	2.4	9.7
	100.0	100.0	100.0

One of the several marked changes noticeable above is to be found in the field of Economics, which has become a popular "major". A large proportion of veterans, especially, intends to enter the business world after finishing college, and the number of students hoping to gain admission to graduate schools of business is the largest in my experience. Indeed, the percentage of students expecting to carry on post-graduate study of all sorts is especially high because of the G.I. Bill. Sixty-nine per cent of our seniors last year expected to enter graduate schools in the coming fall.

Another summary of the distribution of students in our courses is given by a table listing the registration in 1946-47:

Course Biology A Biology 1 Biology 2	Summer 5 wks.	School 2nd 5 wks.	Christmas Term 101 53 15	Trinity Term 98 49 13
Chemistry 1 Chemistry 2 Chemistry 3a Chemistry 4 Chemistry 6 Chemistry 9 Chemistry 10b Chemistry 11	24 25	24 20	111 63 20 12 43 5	90 62 11 40 4 26
Economics 1 Economics 2 Economics 3 Economics 4a Economics 5ab Economics 6b Economics 7a Economics 8b Economics 10	79 26	53 26	160 31 56 23 20 11	215 28 52 11 16 7
Education 20 Education 21a Education 22ab Education 23ab Education 24b	29 18	19	8 8 24	14 45 11 15
Engineering la Engineering 2b Engineering 3 Engineering 4 Engineering 5 Engineering 6 Engineering 7 Engineering 8 Engineering 9 Engineering 10 Engineering 11 Engineering 12	15	7	72 34 12 7 1 16 9	74 20 13 12 10 17 17

-

Course	Summer S	School 2nd 5 wks.	Christmas Term	Trinity Term
English A English A-14 English B English C	21 14	11	216 38 28 22	215 36 23 21
English D English F English 1 English 3 English 6	18	10	27 11 131 17 10	21 14 131 14 10
English 8 English 14 English 15	40	32	28	20
Fine Arts 1 Fine Arts 2 Fine Arts 4a	24	20	88 11 9	79
French 1 French 2 French 3 French 7 French Honors	21 34 16	21 42 16	156 145 71 10	138 143 69 6
Geology 1 Geology 2b Geology 3 Geology 5a Geology 6a	16	14	52 12 28	51 56 13
German 1 German 2 German 3	18 10	19 13	57 47 9	52 43 8
Greek A Greek 2 Greek 3 Greek 4			18 4 32	13 4 32
History 1 History 2 History 3 History 5 History 6	27	55	220 36 75 11	239 32 64 21
History 6 History 10 History 17a	17	18	31 14	48
History 18b History 19 History 20 History 21		19	6 18 5 5 20	12 11 12 5
History 22 History 23 History 25 History 27	33	34	5 20 13 5	16 16 4
Hygiene 1b			14	27
Latin 1 Latin 3			2	8 2
Linguistics	28	34		122

Course 1st	Summer School 5 wks. 2nd		istmas erm	Trinity Term
Mathematics 1T Mathematics 1 Mathematics 2 Mathematics 3a	37 33 18	19 15 15	127 136 63 33	108 125 59
Mathematics 4b Mathematics 6a Mathematics 7b Mathematics 10b			14	8 12
Music 1 Music 2	Part of the control o		67 10	55
Philosophy 3ab Philosophy 4ab Philosophy 11b	23	25	27 46	20 33 19
Philosophy 12 Philosophy 13b Philosophy 14b			93	87 24 14
Philosophy 15 Philosophy 16	27	35	22 16	25 18
Physics 1 Physics 2 Physics 3 Physics 5 Physics 6 Physics 8 Physics 10	28 7	44 6	141 48 12 1 7 11 16	147 48 10 2 9 11 17
Physiology 1 Physiology 2 Physiology 4			46 14 7	43 14 7
Psychology 1a Psychology 5 Psychology 6ab Psychology 7ab Psychology 8a Psychology 8b	55 29 60	68	146 6 24 17 28 19	20 4 45 27 71 6
Psychology 9 Reading Course			11	15
Religion 1			14	13
Sanskrit		Sollow to the	1	1
Spanish 1 Spanish 2			13	14 8

Naturally, the larger classes were divided into sections. A few lecture courses remained fairly large and cumbersome, but I am pleased to report that the average size of Trinity classes last year was 20 students. It was possible for us to avoid the ridiculously large classes that plagued students and teachers alike in many American universities last year, and we can say truthfully that we did not discontinue the personal contacts and individualized instruction that are the very raison d'etre of the small college.

Degrees, Scholarships, Fellowships

At the 121st Commencement on June 16, 1947, degrees in course were granted as follows: Bachelor of Arts, 81; Bachelor of Science, 75; Master of Arts, 22. Degrees honoris causa were: Master of Arts, 2; Doctor of Humane Letters, 1; Doctor of Laws, 2; Doctor of Letters, 1; Doctor of Divinity, 2. Of the 156 Bachelor's degrees awarded, 35 had been earned as of August, 1946, 23 as of February, 1947, and the remaining 98 were given to men who were in residence during the Trinity Term of 1947. In other words, 37% of the June graduates had completed their work some months before Commencement day and had been scattered to the four winds. Some of them reached fairly distant places and were put to considerable expense and inconvenience by returning to Hartford in June. Requests for permission to receive degrees in absentia were numerous, under the circumstances. I recommend that we follow a liberal policy next year regarding in absentia degrees, for a similar situation will confront us at that time.

While we are on the subject of degrees, I should like to reiterate my strong conviction with respect to our Trinity baccalaureate. The differences between our Bachelor of Arts and our Bachelor of Science degree are, I feel, almost negligible. I estimate that ten per cent of the degrees granted last year could have been either Arts or Science without injury to our fairly elaborate degree requirements. In many cases it was necessary to ask the student which of the two degrees he preferred. Very few B.A. men study classical languages, I am sorry to say, and thus one of the original lines of demarcation has been obscured if not obliterated. Furthermore, there is a great deal of common ground under "Science" and "Arts" which could be enlarged so that one degree would suffice. The distinction might well be limited, I think, to the Master's degree.

Grants-in-aid to our students during 1946-47 totaled \$23,218.67. Scholarships amounted to \$16,541.67, and other items were: prizes, \$1,185; fellowships, \$2,500; loans \$2,992. The task of the scholarship committee was not very difficult, partly because of the good scholastic record of the student body, but mainly because of the help provided to needy students by the G. I. Bill. No scholarships were given for the Summer School.

The scholarship committee is particularly pleased by your successful efforts to increase the scholarship resources of the College. We foresee a day in the not too distant future when demands for scholarship assistance will increase by leaps and bounds. Already the peak of the Veterans Era, with the subsidies of Public Acts 16 and 346, has been reached. Tuition fees have increased, competition among colleges for good students will increase. Even under present circumstances we need all our scholarship funds in order to grant sufficient aid to deserving students, and it seems certain that we shall have to find additional income for that purpose before two years have passed.

Grades and Academic Records

The experiences of other colleges, reported so often in the press since the influx of veterans began, were reflected here at Trinity by an improved grade average for the college year. Undoubtedly, more serious and concentrated attention was given to studies last year by more students than has been the case for many years. Although neither spectacular nor startling, the grade average for the whole college, a fairly constant figure from year to year, was the highest on record in the files of my office.

The average grades of the undergraduates for the past five years have been as follows:

Grades in per cent 1942-43 1943-44 1944-45 1945-46 1946-47 75.2 73.2 74.2 75.9 76.6

An analysis of the averages shows that the typical student most likely to turn in high grades is an upperclassman who is a veteran of World War II, married, and who, like all married students at Trinity, is not in residence on the campus. The averages of the various categories of the student body were:

Veterans Non-Veterans	.77.4%
Freshmen Upperclassmen	
Resident Non-Resident	
Married	
Fraternities Neutral Body	

The average load per student last year was 15.65 semester hours, which means that 1002 extra semester hours, or 167 full courses, over and above the normal load were carried by the students. That, too, is an unusual situation, indicating that the accelerated programs of the war years and of the present Summer School are being continued even through the winter months. It must be admitted that the academic performance of the students evidently has not been impaired by the extra work.

Twenty students were required to withdraw from College at mid-year because of unsatisfactory records in scholarship, and twelve others failed to produce satisfactory records in June, a total of 32 for the year. In the preceding year, with a far smaller student body, we had 38 required withdrawals. The improvement can be ascribed to the seriousness of purpose of the veterans as well as to the very good record of the Freshman Class of 1950. In November, 42 Freshmen were placed on warning probation, but more than half of them managed to pass in all their courses at the end of the term. In all, 38 students were put on probation in February, including 18 upperclassmen, and 29 students entered into a probationary status in June.

As a final indication of the quality of work done by our 826 students last year, I can cite the numbers of men who gained standing on the Dean's List by completing programs with an average grade of 85 per cent or more. In February, 101 students earned Dean's List standing and in June, when Seniors are not eligible, 93 men were put on the List.

Student Activities

Without hesitation I can say that the 1946-47 College Senate, with Mr. Robert Toland, III presiding, was one of the best that we have ever had at Trinity College. Most of the members had not been present at the College during the preceding year and thus were not closely acquainted with current student problems, yet even if they had been present, they would have found a situation

almost without precedent in September, 1946. The rapid growth in the size of the student body had to be matched by a concomitant growth in extra-curricular activities, and the supervision of many new and swiftly burgeoning organizations fell to the lot of the Senate. The Senators gave their time unsparingly for the welfare of their fellow students, and I congratulate them for a job well done.

The three traditional class dances were held as usual and turned out to be social, if not financial, successes. The Tripod was printed weekly, and the 1947 Ivy put in a belated appearance shortly after the school year ended in June. The Trinity Review was resurrected and published several numbers. The Jesters received many favorable comments for their productions of Boy Meets Girl and Golden Boy. The debating society, the language clubs, and the non-fraternity social organizations added new members and developed strongly as the year went by. An account of intercollegiate athletics is given elsewhere in this report. All in all, it is my impression that a somewhat smaller proportion of students engaged in extra-curricular activities as compared with pre-war years, but the men who did take part were capable and diligent. Then, too, although the proportion of participants may have shown a decrease, there was nevertheless an actual increase in numbers because of the much larger student body last year.

Fraternities

From all reports, the Trinity fraternities are thriving. They were fortunate in finding excellent fraternity material available in the Class of 1950, and they made good use of it in their selection of new members. However, I believe that there are young men on the campus who are deprived of the privilege of joining a fraternity simply because we do not have enough chapters at Trinity to take care of the need. Alpha Tau Kappa, the former local fraternity, is no longer active, which makes the situation all the more noticeable. Seven national fraternities are not quite enough for a college of our present size or even for the size that we contemplate for future years. Of course, it is difficult to foster a new group on account of the need for a firm financial foundation and for suitable lodgings, but I believe sincerely that the College should do all that it can to aid any new organization that gives promise of developing into a self-perpetuating social fraternity.

The Interfraternity Council last year was an outgrowth of the Alumni Council that functioned during the war. It drafted a new constitution and showed itself to be greatly interested in all campus fraternity problems. For the first time, alumni and undergraduate representatives sat together in Council meetings, and their advice and experience were very helpful in my office. It is my hope that the Council as now constituted will accept responsibilities in fraternity government that were never regarded as falling into the province of the pre-war Council, which was concerned almost entirely with rushing regulations.

Although the fraternity grade average of 75.4 was lower than the College average, it is nevertheless by no means poor and represents an improvement since the preceding year. The Fraternity Scholarship Cup for 1946-47 was won by Delta Phi, and the results of the cup competition are shown in the following table:

Av.grade	in p	per	cent	Percentage	of A	8 8	and	B's

Delta Phi	77.9	51.3
Alpha Chi Rho	77.5	51.2
Sigma Nu	75.7	38.8
Alpha Delta Phi	74.3	35.0
Psi Upsilon	73.9	33.5
Delta Kappa Epsilon	72.6	30.3
Delta Psi	72.5	25.3

Extension and Summer School

In the 1946 Summer School we enrolled a total of 510 students. 345 of whom were regularly matriculated candidates for a Trinity degree, in a ten-week session with classes meeting for 75 minute periods every day in the week including Saturday. It was possible for students to complete two full-year courses during the summer and to receive 12 semester-hours of credit, almost the equivalent of a semester of college work. Our 1947 Summer School will operate on the same basis and thus, to all intents and purposes, we are continuing the acceleration of the war years. I hasten to add that I am in favor of deceleration at the earliest possible date. I believe that for us 1947 should mark the end of continuous operation and of accelerated education. It is not good for the students. It is not good for the faculty. It is not good for the plant. The time has come for us to curb our swiftness in the forward race and to depart from Alice's Wonderland, where one has to run at least twice as fast as usual in order to get somewhere. We have allowed most of our veterans to save a full year of the time needed for obtaining a degree. That was the only obligation that could justify our velocity.

The Trinity Extension of 1946-47, under the able direction of Dr. I. A. Buell, provided courses for 202 students and served several purposes. Hartford residents seeking instruction at the college level in certain fields were able to find courses given at convenient hours for those employed in the daytime. A number of excellent candidates for admission to the College, including many veterans, were given an opportunity to take Freshman programs in the hope that at some future date we might be able to transfer them to a matriculated status with full credit for work completed in the Extension. So far we have admitted about one third of them to the regular course of study. Finally, the Extension courses served to relieve the pressure in a few subjects in which we found it difficult to provide a sufficient number of sections during the daylight hours. The caliber of instruction in the Extension has, of course, been high. In fact, many of the Extension sections were taught by members of our regular staff.

Size of the College

To be sure, we can continue, if necessary, to give a Trinity education to more than 800 students, but we can continue at that size for only a few years. Each year, it seems to me, will vitiate our standards to some degree; only a little, perhaps, but just the same the deterioration will take place. We have no choice at present, I admit, but we shall have to make a choice as soon as the opportunity presents itself. Your plans for a college of 650 are both practicable and sound, and I venture to report my beliefs to you only in order to emphasize once more the urgent need for the steps that you are already intending to take. More dormitory space is an essential, perhaps even a vital requirement at Trinity. As a temporary expedient, we can function with overcrowded study halls and with five men domiciled in quarters de-

signed to accommodate three at best. Indeed, I am happy to say that we have not gone to the extremes of temporary housing that have seemed necessary to some American colleges and universities. Such arrangements border upon the farcical at times and are almost tantamount to a confession of complete impotence in the current emergency. We have had the foresight to escape the pitfalls of the present, but we cannot afford to ignore in our longrange planning the need for adequate dormitory space in a college that will be approximately twenty per cent larger than it was before the war.

Let me commend to you the following reports from Mr. J. E. Candalet, Veterans and Career Counselor; Mr. J. F. Butler, Director of Placement; and Mr. Raymond Oosting, Director of Physical Education. Mr. Candalet was obliged to teach almost a full time program in his capacity as Assistant Professor of Economics, yet he succeeded admirably in handling the exacting and important duties that grew out of the College's relations with veterans and with the Veterans Administration. Mr. Butler began his work at Trinity in the spring of 1947 and has not yet had time to develop all his plans for the Placement Bureau. However, his zeal, experience, and his interest in the students make it apparent that the Bureau will become a strong and efficient organization. Mr. Oosting's report, of course, needs no introduction, since it is a regular feature of my summary of the academic year.

Report of the Veterans and Career Counselor

Recently Lord Percy, rector of a division of Durham University in England, remarked that of all modern habits, the worst is to advertise every human activity as a "problem". This seems to be particularly applicable in American life and in American educational circles. One hears on every hand references to the problem of this and the problem of that, usually ending with the "problem of the veteran". Not only is such a continued reminder bad for morale, because it leads the group referred to into the belief that it is very different, but the rector reminds us that a first rule for dealing with human beings is: don't fuss.

What the veteran has wanted and needed is "the Word" - a straight and reliable interpretation of confusing regulations and a clear knowledge of what is required of him so that he might become and remain the beneficiary of the Public Laws 16 and 346, whichever he happens to be studying under. Receiving this he has gone his way as a member of the college community. In this connection it has been a source of satisfaction to realize that this office has been looked to increasingly by veterans as the source of correct information and as a reliable agency to cut the problems with which they might momentarily find themselves bound.

Opening this office in September, it soon became swamped with required paper work prerequisite to entering the students under the benefits of PL 16 and 346. However, through the generous and competent assistance of Miss Anderson and the industriousness and persistence of Miss Bennett, Trinity College was able to complete all entrance and registration requirements before any other college or university in Connecticut.

During the academic year 1946-47 this office served the following numbers of veterans:

	PL 346	PL 16	<u>V-5</u>	Total
Undergraduates	558	42	3	603
Extension	110	7	-	117
Graduate	23	2	1	25
Total	691	51	3	745

For each veteran in any division of Trinity College a folder was established in which is contained all information pertaining to his veteran's status, any correspondence regarding his case, test scores, and academic grades. This provides an efficient ready reference concerning the student.

In February of the past academic year the veterans records at Trinity were given a two day unannounced inspection by two officers of the General Accounting Office, a branch of the Comptroller General's Office in Washington. It was with a great deal of satisfaction that we received a clean bill of health. In addition, the inspectors made notes and copies of procedures to be used in advising other colleges and universities which were experiencing difficulty.

In this first year of operation some 34 veterans withdrew from college while some 20 non-veterans left during the same period of time. This figures roughly to about 5.9% in the case of the veterans and 8% in the case of non-veterans.

In order to assist needy veterans whose subsistence checks were being delayed, a fund amounting to \$1000 was set up and operated through the cooperation of the Comptroller's office and this office. This fund was cordially received by the student body and it is a distinct credit to the students of this college that not one attempt was made toward misusing the service. Although some 56 loans were made, aggregating \$2320, there occurred only one instance of violation of the date due.

This same loan fund was again to serve the college and the students in a satisfactory and effective manner when the funds of the Veterans Administration became exhausted and there occurred a Congressional delay in making available a deficiency appropriation. On this occasion 8 loans were made totaling \$200.

In March the Kuder Preference Record was given to 206 members of the Freshman class as a means of indicating to the student and to the college where the student's interests and aptitudes centered and what educational path should be taken in achieving the indicated goal.

Although the test was given rather late in the year the results are thought to have been substantially beneficial. It is desired, at this time, to express appreciation to Dr. Ray for his work in giving the test and especially in the matter of scoring and preparation of profiles. Without his assistance the task could not have been done with efficiency.

Beginning with those students having academic difficulty at mid-years, followed by those shown to be having difficulty at mid-term, each student was called in for conference which lasted at least 45 minutes. This conference dealt with the results of tests taken during Freshman Week, academic proficiency in preparatory school and college and the results of the interest inventory. This factual information was supplemented by information concerning interests and vocational experience. The whole picture was then crystallized for the student in a summary drawn up by this office and called a "Report of Tests", a copy of which was given to him

for his own perusal and a copy placed in his folder.

For the most part students welcomed the assistance given them by the tests and conference. Even in those cases where the student entered the conference in a skeptical attitude he was soon amazed at the revealing factual data placed before him and left the conference with the feeling that he had been helped.

There have been those cases where the Kuder test did not provide adequate information and other cases where action was contemplated which required confirmation of the results of the Kuder tests before taking a decisive step. For such cases arrangements have been made to use the facilities of the Veterans Service Center in Hartford. In this connection I wish to commend the assistance given to this college by Mr. J. H. Phelps of the Veterans Service Center.

Finally I should like to express my appreciation for the assistance which has been given to this office: first, to Mr. J. Gordon, Veterans Administration Training Officer, for his untiring efforts and his industriousness and persistence in our behalf; second, to the members of the faculty who have been called upon for reports and advice on students; third, to the personnel of the Dean's office who have frequently been of service in determining essential information concerning a student's credits or past record. The prompt action and sympathetic response of those who have been called upon has contributed materially to the effectiveness of this office in dealing with students.

J. E. Candelet Veterans Counselor

Report of the Placement Director

In March of 1947 the Placement Bureau at Trinity College was established under the administration of Dean Arthur H. Hughes with John F. Butler, Director. The purpose of this office is two-fold: Assistance in career guidance and assistance in actual placement of Trinity men, both seniors and alumni.

Since March, 175 seniors have been interviewed regarding permanent careers and approximately 75 undergraduates regarding part-time and summer employment. Inquiries were received from 15 alumni. Of the senior classes of June and September, 45 have been accepted at graduate schools and 45 are known to have accepted employment. Among the remaining seniors 33 who requested assistance were furnished leads to specific companies. Salaries ranged from \$1,800 to \$3,200; the average starting salary was \$2,500, which coincides with the average mean result of a survey conducted by Lever Bros. Regarding part-time and summer employment, approximately 30 undergraduates were referred to specific jobs.

It is planned that during the year a series of vocational-guidance talks by alumni and others from business and professional fields will be held for seniors and other interested undergraduates. It is also planned to enlist the aid of alumni in the creation of contacts with various fields. Contacts have been made through correspondence and personal interviews with approximately 70 companies, and during the coming year, efforts to enlarge our contacts with business firms outside of local areas will be made. During the past spring representatives from 11 firms visited the College to interview seniors, and this office was fortunate in obtaining a representative of the U.S. Depart-

ment of Commerce to speak to those seniors interested in loreign trade.

John F. Butler Director of Placement

Report of the Director of Physical Education

The academic year 1946-47 saw Trinity's facilities for physical education and athletics taxed to capacity. Old Alumni Hall as well as the swimming pool building were fairly shaking with activity from early fall until late spring with the largest enrollment in Trinity's history.

With several experienced G.I.'s as a nucleus, the major sports teams enjoyed very successful seasons. The varsity basket-ball squad led the group in the won and lost columns with twelve victories against five defeats, closely followed by the baseball team with an eleven and five record. Varsity football was revived after a three year lapse. The team lost its opening game to Bates College, then won four straight defeating Middlebury, Hobart, Williams and Norwich in that order. The final game was lost to Wesleyan after a hectic struggle in a game played at Middletown. The final score was twenty-one to fourteen giving Wesleyan its first undefeated and untied football season. The basketball and baseball teams were given an opportunity to test their strength against some of the larger colleges and performed very creditably against such teams as Yale, Harvard, West Point and Rutgers. The baseball team enjoyed a southern trip during spring vacation although they were only able to play four of the seven games scheduled because of weather conditions.

The track team also enjoyed a very fine year setting Trinity College records in the one-hundred, two-twenty, two mile, one hundred twenty high hurdles, two-twenty low hurdles, shot, discus, and pole vault. Three meets were won, one was tied and one was lost and the team placed second among eleven colleges participating in the Eastern Intercollegiate Championship Meet.

Overcrowded conditions at home basketball games played at the Hartford High School Gym forced a change to the much more spacious State Armory Building. This coming winter should be the last season our basketball team will be forced to play its home games off campus as work is about to begin on Trinity's new field house. This new building will add greatly to student interest in all athletic activities; required physical education, intramural athletics, freshman and varsity sports.

R. Oosting Director of Physical Education

The following is a list of the publications and research projects of our faculty for the academic year 1946-47:

DEPARTMENT OF BIOLOGY

- T. H. Bissonnette, Professor
 Lecture, "Control of Coat-Color in Animals" to the Biology
 Club of University of Connecticut.
- J. Wendell Burger, Associate Professor
 "On the Relation of Day-length to the Phase of Testicular
 Involution and Inactivity of the Spermatogenetic Cycle
 of the Starling", Journal of Experimental Zoology,

(J. Wendell Burger, Associate Professor - continued)

vol. 105, 1947.

"Further Study of the Effects of Estradiol on the Testis of the Adult Starling", Anatomical Record, vol. 96, 1946. "Observations of Seasonal Conditions of the Thyroid of the Male of Three Species of Urodeles", Anatomical Record, vol. 96, 1946.

DEPARTMENT OF CHEMISTRY

Vernon K. Krieble, Professor
Patent No. 544828 entitled, "Process for Dehydrating Carbonific Acids", granted to Vernon K. Krieble and Robert
Smellie.

Sterling B. Smith, Associate Professor
"Ternary Systems VIII. Potassium Iodate, Iodic Acid, and
Water", accepted for publication in Journal of the
American Chemical Society.

DEPARTMENT OF CLASSICAL LANGUAGES

James A. Notopoulos, Professor

"The Creation Hadrianis", Transactions of the American Philological Association", vol. LXXVII, 1947.

"Thucydides' prognosis and the Oracles", The Classical Weekly, vol. XXXIX, pp. 29-30, 1945.

"Classical Bibliography", The Classical Journal, vol. XLII, pp. 60-62, 118,- 120, 1946.

"Schol. on Oed. Col 100", The Classical Weekly, vol. XXXIX, p. 46, 1945.

DEPARTMENT OF ECONOMICS

Lawrence W. Towle, Professor
"International Trade and Commercial Policy", Harper & Bros.,
1947.

John E. Candelet, Jr., Assistant Professor Radio Address, "The Veteran at Trinity", WDRC, February 14, 1947.

DEPARTMENT OF ENGINEERING

Harold J. Lockwood, Professor
Called as consultant on design of Pennsylvania Railroad Diesel
locomotive; also by Fenn Company on Thermo-couples.

DEPARTMENT OF ENGLISH

Morse S. Allen, Professor

"The Study of Fiction", The English Leaflet, May 1947.

"Best Sellers", Trinity College Alumni News, May, 1947.

Chairman of Section on Problems of Administrative Policy,

New England English Conference, Springfield, Massachusetts, April 12, 1947.

Addressed the Union meeting of the New England Association of Teachers of English and the Harvard Teachers Association

- Faculty Publications and Research
- (Morse S. Allen, Professor continued) March 22. 1947.
- Thurman L. Hood, Associate Professor
 "My Last Duchess' and Cervantes", Trinity Review, vol. I, no. 1, pp. 3-4, December, 1946.
- Kenneth W. Cameron, Assistant Professor Work on forthcoming two volumes entitled: "Emerson's Apprenticeship".
- J. Bard McNulty, Assistant Professor "Milton's Influence on the Early Sonnets of Wordsworth", The Publications of the Modern Language Association of America, September, 1947.

"The Critic Who Knew What He Wanted", accepted for publica-

- tion in <u>College English</u>.

 Addressed the New England Conference, Springfield, Massachusetts, on "The C.E.A. Proposal for a Two-year Course, Combining Literature and Composition Based Upon It", April 12, 1947.
- Ralph M. Williams, Assistant Professor "The Publication of Dyer's Ruins of Rome", Modern Philology, November, 1946.

DEPARTMENT OF GEOLOGY

Edward L. Troxell, Professor "The 22nd Biennial Report of the State Geological and Natural History Survey", printed by the Survey.
Writer and Editor of the Journal of the Association of Ameri-

can State Geologists, published quarterly.
As Director of the State Geological Survey, was elected President of the Association of American State Geologists for the year 1947 - 1948.

DEPARTMENT OF HISTORY

- Edward F. Humphrey, Professor "Self Government in the Fourth French Republic", Talks on Self Government, The Trinity College Bulletin, April, 1947.
- D. G. Brinton Thompson, Assistant Professor "Ruggles of New York", Columbia University Press, 1947. "Self Government in the American Colonies", Talks on Self Government, The Trinity College Bulletin, April. 1947.
- Laurence L. Barber, Assistant Professor

 "American Self Government", <u>Talks on Self Government</u>, The

 Trinity College Bulletin, April, 1947. "L'affaire Wallace", <u>Trinity Review</u>, vol. 1, May, 1947. Edited "Metropolis in Maps", Bureau of Research in Municipal Government, Harvard Graduate School of Public Administration, December, 1946.
- Roger Shaw, Assistant Professor
 "Mercenary Troops", South Atlantic Quarterly, October, 1946.
 "1930 London Naval Conference", accepted by Fordham University Press, 1947.

Faculty Publications and Research

- Roger Shaw, Assistant Professor continued)
 "Government in the United States", <u>Talks</u> on <u>Self Government</u>,
 Trinity College Bulletin, April, 1947.
- George Brinton Cooper, Assistant Professor "British Self Government", Talks on Self Government, Trinity College Bulletin, April, 1947. "The Strange Case of the Disappearing Liberals", Trinity

Review, vol. 1, May, 1947.

DEPARTMENT OF MUSIC

Clarence E. Watters, Professor "A Recital of French Organ Music", a recorded album of eight pieces of French organ music - to be released by McLaughlin & Reilly, of Boston.

"Six Versets on the Veni Creator", a recorded album of six preludes on the tune of that ancient hymn - to be re-

leased by McLaughlin & Reilly, of Boston.

In preparation are two large organ works, "a De Profundis" and "A Variations on an Original Theme".

DEPARTMENT OF PHILOSOPHY, PSYCHOLOGY, AND EDUCATION

Wilbert S. Ray, Assistant Professor of Psychology "Proactive Inhibition: a Function of Time Interval",

American Journal of Psychology, pp. 58, 519-520, 1945.

"A Memory-Drum for Paired Associate Learning", Journal of

General Psychology, pp. 34, 239-242, 1946.

"Computations in Combining Learning Curves", in P. H.

Harriman (Ed.) Encylopedia of Psychology N.Y., Philosophical Library, 1946.

"Instructional Film for Use in the Fidelity of Report Ex-

"The Fidelity of Report Experiment: Directions to the Student", Journal of Psychology, pp. 24, 293-296, 1947.

"The Fidelity of Report Experiment: Directions to the Student", Journal of Psychology, pp. 24, 297-312, 1947.

"Fidelity of Report" a film produced for use in psychology laboratory courses and exhibited to the Eastern Psychological Association.

Irwin A. Buell, Assistant Professor of Education "The School Dentist", Connecticut Teacher, vol. XIII, No. 8, p. 196.

"Practice Teaching at the Graduate Level", to be published in the Reports of the New England Conference on Graduate Education, co-author with Dr. John Tilton, Dean of Graduate School, Tufts College.

As a member of Committee of Connecticut Vocational Guidance Association is working on a report to the State Department of Education concerning certification of guidance counselors.

Sven Nilson, Instructor in Philosophy Review of "La Connaissance Dialectique et L'Experience Existentielle", by Germaine van Molle, The Philosophical Review, November, 1946.
Review of "Works of Love", by Soren Kierkegaard, The Phil-

osophical Review, January, 1947.

DEPARTMENT OF PHYSICAL EDUCATION

Dan Jessee, Associate Professor
Revision of book, "Baseball", A.S. Barnes & Co.
"Future of Baseball", Athletic Journal, June, 1946.
"Questions on Baseball", Athletic Journal, to be published September, 1947.
Information Editor, Athletic Journal.

DEPARTMENT OF PHYSICS

F. Woodbridge Constant, Professor
Read a paper "On the Explanation of Diamagnetism and the
Normal Zeeman Effect", at the Amherst Meeting of the
American Physical Society on May 31, 1947.

All of which is respectfully submitted.

Arthur Howard Hughes Dean

REPORT OF THE LIBRARIAN

To the Trustees of Trinity College:

In accordance with Section Three of Article Fifteen of the Statutes of the College, I submit herewith the Report of the Librarian for the year June 30, 1947.

The Library has been kept open sixty-four hours per week, except during the summer, when it is not opened evenings.

The usual statistics in regard to attendance follow:

ATTENDANCE CLASSIFIED

1946-47	Day	Evenings	Faculty	Visitors	Total
July August September October November December January February March April May June	2,064 2,597 1,466 3,992 5,863 4,299 4,276 4,276 4,157 4,801 2,177	911 828 625 765 117 942 829 981 244	106 183 184 479 394 232 260 281 228 278 281 196	12 14 23 36 92 74 71 148 137 154 169	2,182 1,673 5,418 7,177 5,300 5,421 5,418 6,232 2,693
Totals	44,963	6,242	3,102	1,006	55,286

ATTENDANCE ANNUAL SUMMARY

Year	1942-43	1943-44	1944-45	1945-46	1946-47
	27,763	13,979	14,470	18,530	55,286

The use of the Library has increased in the last year even more than might have been expected from the increase in attendance. That there is a greater seriousness on the part of the students in their work, would be agreed to by all who have been in close contact with them. This is as it should be, and is gratifying from every point of view.

INCREASE OF THE LIBRARY

During the year there have been added to the Library 7,020 volumes, 8,639 pamphlets, 55 maps, 15 prints and engravings, and two letters - a total of 15,731, as compared with 13,869 added last year. In addition there have been received two large collections: one, the library of the late Rev. Dr. William Agur Beardsley, of the class of 1887; the other, the library of the

late George Newell Hamlin, of the class of 1891. An inadequate staff, an unusual amount of work, and inadequate shelving have made it impossible to shelve these books even temporarily in order to count them. Dr. Beardsley's library comprises some six or seven thousand volumes and Mr. Hamlin's perhaps a thousand.

Of the volumes added to the Library and included in the figures given, 1,988 were purchased, and 4,476 were given. All the pamphlets were gifts. 5,720 volumes were bound and 1300 unbound. Included in the count of unbound volumes are 370 volumes of unbound periodicals, most of which will be bound during the summer, as will a large part of the 258 volumes included in the count of purchases. The number of volumes purchased is larger than the number purchased last year, but we are not yet back to pre-war figures.

IMPORTANT PURCHASES

Among the more important purchases of the year may be mentioned: The Vollbehr Incunabula; Nazi Conspiracy and Aggression, vols. 1-8; Cameron, Emerson the Essayist, 2 vols.; Marouzeau, L'Annee Philologique, vols. 3-6, 10, 12-16; Odell, Shakespeare From Betterton to Irving, 2 vols.; Middeldorff, Raphael's Drawings; Shipley, Encyclopedia of Literature, 2 vols.; Eulenberg, Ausgewahlte Works, 5 vols.; Pollard & Redgrave, Short-title Catalogue of Books Frinted in England, 1475-1640; Boswell, Private Papers (Isham Collection) 20 vols.; Lea, Materials Towards a History of Witchcraft, 3 vols.; History (periodical), vols. 1-27, 1916-1942; Weissberger, Physical Methods of Organic Chemistry, 2 vols.; Pritsch, The Structure of the Algae, 2 vols.; Dehio, Geschichte der Deutschen Kunst, 4 vols.; Treitschke, History of Germany in the 19th Century, 7 vols.; Hartland, The Legend of Perseus, 3 vols.; Monograph of the Genus Conus; Malebranch, Treatise Concerning the Search After Truth (1694); Houlgate, Football Thesaurus; Gates, Human Genetics, 2 vols.; Oxford Universal English Dictionary, 10 vols.; British Museum Catalogue of Printed Books, vols. 1-26; Defoe's Review, 22 vols.; Recording Britain, 4 vols.; Damon, William Blake; Mattauch, Nuclear Physics Tables; Johnson, Art of Thomas Hardy; Gay, Poetical Works, ed. by J. Underhill, 2 vols.; Historisches Jahrbuch, vols. 1-34 & Index; Payne, Necrocorinthia; World of Learning (1947); and Levasseur, Historie des Classes Ouvrieres et de l'Industrie en France, 4 vols.

GIFTS

We have received several important collections of books by gift during the year. The two largest have been the libraries of Dr. William A. Beardsley and George N. Hamlin mentioned above. Dr. Beardsley's library is rich in theology and church history, especially in books relating to the Episcopal Church in Connecticut; Mr. Hamlin's is a general collection, such as would be accumulated by a man of culture and literary tastes. Both will add much to the Library.

We have received from the family of the late Professor Gustave A. Kleene 450 volumes, fifty unbound volumes of periodicals, and fifty-five pamphlets. Professor Kleene gave us, during the years following his retirement, many of his books. Those now received include the residue of his technical library in economics. Many very useful books have come to us from Professor Kleene's library. We are grateful to him and to his family.

We have received from the estates of the late Otis Shepard Hill, Harvard 1893, 1,335 volumes and 156 pamphlets. Mr. Hill in his lifetime gave us the greater part of his library; after his death, the remainder of it came to us. It is made up largely of books dealing with the classics, but includes many other useful books in a variety of fields. His interest in the Library arose through his friendship with the late Professor Frank Cole Babbit.

Henry D.B.B. Moore, Esquire, has added 133 volumes, 36 pamphlets, and 46 maps to the Moore Collection of Books relating to the Far East, already one of the best collections of books in its field.

Dr. George H. Cohen, 'll and his brother Naaman Cohen, 'l3, have given 35 volumes and some 20 unbound volumes of periodicals in numismatics and law.

Stuart W. Jackson, Esquire, who has given us many books, has added a letter of recommendation of his father, the late Rev. Augustus Jackson, 1860, written in his behalf by President Daniel Goodwin. The letter is especially interesting because we have few of President Goodwin's letters.

From Cyril Nast, Esquire, we have received fifteen prints and engravings, the work of his father, Thomas Nast.

From Miss Edna T. Coles we have received the scrap-book made by Heyward Scudder, '91 while he was a student in college.

From J.P. Welles Taylor, '02, we have received a copy of the rare Regulations for the Order and Discipline of the Troops of the United States prepared by General Steuben and issued in 1779.

Lawson Purdy, '84, and Richardson Wright, '10, of the Trustees, have given useful and interesting volumes.

Gifts of books have been received from the following alumni: George H. Cohen, 'll; Naaman Cohen, 'l3; Tom F. Flanagan, 'l2; Howard Greenley, '94 (some twenty-five volumes dealing chiefly with architecture, most of them in French); Guy C. Heater, 'l3, (Cyc, 40 volumes); Elmer M. Hunt, '06; Bayard Q. Morgan, '02; I. Laird Newell, '24; Reuben Peiss, '33; Clarence I. Penn, 'l2; Elliott K. Stein, '44; T. Robert Stumpf, '32; and J.P. Welles Taylor, '02.

Gifts of books or of current periodicals, or of their own publications have been received from these members of the Faculty: Arthur Adams, Archie R. Bangs, Laurence L. Barber, LeRoy C. Barret, Thomas H. Bissonnette, John E. Candelet, Harry T. Costello, H.M. Dadourian, Arthur H. Hughes, Louis Hastings Naylor, James A. Notopoulos, Gerald B. O'Grady, Henry A. Perkins, Roger Shaw, Odell Shepard, Sterling B. Smith and Neils Henry Sonne.

Kenneth Kelly, '41, and Robert Kelly, '43, have given a sum of money for the purchase of books in chemistry, and David Klickstein, '47, has given money for the purchase of books in history.

To all these generous friends of the Library we are truly grateful.

We acknowledge with gratitude the gifts of Publications of the Carnegie Foundation for the Advancement of Teaching, the Carnegie Endowment for International Peace, the Carnegie Institution of Washington, the Smithsonian Institution, the Board of Education of the State of Connecticut, the Connecticut State Library, the State of Connecticut and the Government of the

CATALOGUING AND STAFF

Miss Katherine L. Colgrove has been in charge of the cataloguing during the year. Though it has been impossible to secure an assistant for her, the cataloguing of the books acquired by purchase has been kept up to date. In addition, the cataloguing of books in the Moore Collection has been completed, though much pamphlet and other miscellaneous material remains to be done. The cataloguing of the collection of books on Jamaica given by Mr. Richardson Wright has been completed, and the cataloguing of the Hale Collection has been begun. Much work has been done on the pamphlet collection. Mr. Jack Bird, a student assistant, has been of great help in typing cards, and Mr. Russell Holmes has helped in labelling and in making minor repairs to books. Mrs. Norwood H. Keeney, Jr., recently added to the staff, has helped both Mrs. Schatz and Miss Colgrove in many ways, and frees them from many minor but time-consuming tasks.

Needless to say, at least one more trained cataloguer is imperatively needed; no progress can be made in checking and cataloguing the thousands of volumes in the large and valuable gift collections that have recently come to us until we have more workers. The marvel is that so few accomplish so much.

The work of the year may be summarized as follows:

	VOLUMES	TITLES	CARDS
Books catalogued Books reclassed Replacements and added copies Continuations	2,369 63 156 102	2,049	10,296
Moore books Pamphlets catalogued Pamphlets classed	69 248 113	139	344 662
Periodicals Bound volumes of books and periodicals added to cards	158 <u>374</u>	34	53
TOTALS	3,652	2,286	11,355

Mrs. Laura Schatz is invaluable because of her long service, her intimate knowledge of many things relative to the Library and our ways of doing things, and because of her energy and industry.

Mr. Niels Henry Sonne has been most efficient and valuable in Reference Work and in his supervision of the Reading Room generally. He has done service in bringing the arrangement and filing of U. S. Government documents up to date. To our great regret, he has left us to go to the Library of the General Theological Seminary in New York.

THE LIBRARY COMMITTEE

The members of the Library Committee were President George Keith Funston, ex officio; Richardson Wright and Robert Barnard O'Connor, of the Trustees; Professors D. G. Brinton Thompson, Chairman; Arthur Adams, Secretary; George B. Cooper; Harry Todd Costello; Edgar I. Emerson; Feodor Theilheimer; and Lawrence W. Towle.

Meetings have been held at frequent intervals and much interest in library problems and a keen understanding of them have been evidenced. Your Librarian is greatly indebted to the Committee and perhaps even more indebted to its members individually for their sympathetic interest and helpful suggestions whenever he has turned to them.

BINDING

As always, the greater part of the appropriation for binding has been spent in caring for current periodicals. However, a considerable number of older volumes have been bound. The large number of periodicals and the amount of rebinding made necessary by the increased use of the books makes necessary a large expenditure for binding. This need is understood by the President and the Treasurer, and will, we are confident, continue to be met.

No new endowment funds for the Library have been established during the year. Nevertheless, it is pleasing to note that several contributors to the Anniversary Fund designate their gifts for the Library. We very much need new funds, the income of which is to be used for the purchase of books and periodicals. Even a relatively small fund may be of very great usefulness. The attention of friends of the College is invited to this need.

CONCLUSION

By way of conclusion, we may express our gratification that funds are now in sight for the early building of the much and long needed addition to the Library building. This will provide for more space in the Reading Room, now overcrowded because of the great increase in the number of students, more stack room, and more nearly adequate working quarters. Your Librarian is still of the opinion that at no very distant day a new building will be an absolute necessity. The addition soon to be built will provide for present needs, and will put that inevitable day several years into the future. For all this we are indeed grateful!

All of which is respectfully submitted.

Arthur Adams Librarian