BOB CARMACK and JOHN N. OLSGAARD

Collective Bargaining among Academic Librarians: A Survey of ACRL Members

This study presents the results of a 1981 survey of ACRL personal members in the United States. Through a stratified random-sample model, nationwide and regional levels of collective bargaining activity among academic librarians were determined. As part of the survey, the attitudes of those working under a collective bargaining agreement were compiled. It was found that personal goals benefited the most, while organizational goals benefited the least from collective bargaining. In addition, various factors were analyzed to determine their impact on attitudinal responses. The general result was that the collective bargaining responses demonstrated a remarkable degree of homogeneity.

IN RECENT YEARS collective bargaining has been an issue of much concern among academic librarians. Although the literature is generous in the areas of local or regional studies of collective bargaining' and in the philosophical underpinnings of library union activities,² there has been no statistically viable nationwide study of collective bargaining for college and university librarians.

The purpose of this article is to determine: (1) to what extent collective bargaining is occurring among academic librarians; (2) the attitude of those librarians involved in collective bargaining toward unionism at their institutions; and (3) the effect of different variables on the respondents.

During the months of February and March 1981, a stratified random sample of personal members in the United States, of the Association of College and Research Libraries (ACRL), was conducted. A survey was mailed to 700 of the members, to which 60.4 percent (423) responded. Stratified by regions of the United States, this return size not only validated the survey but could be inter-

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pretive of academic librarians' interest in the topic. The regional breakdown was constructed using models from previous research. Regions are: Northeast: Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont; Southeast: Alabama, Florida, Georgia, Kentucky, North Carolina, South Carolina, Tennessee, Virginia, West Virginia; Midwest: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, Wisconsin; Southwest: Arizona, Arkansas, Louisiana, Mississippi, New Mexico, Oklahoma, Texas; West: Alaska, California, Colorado, Hawaii, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming.

In order to ensure a valid statistical analysis of that portion of the ACRL membership which is comprised of college or university librarians, a proportional allocation model was utilized to determine the sample size. The formula used for this purpose is shown in appendix A. The survey instrument itself is reproduced in appendix B.³

The degree of collective bargaining occurring among academic librarians is shown in table 1. The data indicate that approximately one-fourth of all college and university librarians are involved in collective bargaining activities. Somewhat surprising is the large

98	46	46.94
45		
82	18	21.95
24	-	
49	8	16.33
298	72	24.16
	$24 \\ 49 \\ 298 \\ H_0: P \ge$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$

TABLE 1 TENT OF COLLECTIVE BARCAINING BY BECION

D.F. = 4 $H_0: |P| \ge |P_0.01| = 13.277$

difference in the regional levels of collective bargaining. These levels ranged from almost half of the academic librarians in the Northeast participating in collective bargaining activities (46.94 percent), to values in the Southeast and Southwest so minimal that significant description is precluded. The chisquare test demonstrates that the results are statistically significant at both the .05 and .01 levels, and were not due to chance distribution.

The data also revealed that of those under some form of collective bargaining, 87.5 percent were under the same contract, as were other faculty members on their campus. Conversely, 12.5 percent were represented by their own individual union.

The responses to the third part of the questionnaire, "Section III: Attitudes toward Collective Bargaining," are given in table 2. It is almost axiomatic that individuals join unions to further personal rather than organizational needs, and the results of our survey tend to bear this out. It is not surprising that the questions that received the highest levels in the category "Change for the Better" were, in descending order:

Question 21: Due process (right to appeal alleged unfair practices)

Question 16: Salaries

Question 18: Fringe benefits

Conversely, the questions that received the highest percentage in the category "Change for the Worse" (even though the percentages were not phenomenal) were:

- Question 1: Relationship with library administration
- Question 2: Relationship with campus administration
- Question 6: Quality of library services

These results were somewhat predicted in the literature prior to this survey. Dennis Chamot pointed out that: "Employees, while interested in the health and welfare of the organization, are more immediately concerned with income, working conditions, career development, and job security."⁴ Further, it should be noted that the questions with the highest percentage of "Change for the Worse" highlight the fact that collective bargaining tends to bring out or emphasize the adversary relationship between library administrators and library union members; indeed, collective bargaining may become a source of conflict in and of itself.⁵

Generally, the attitude of respondents to the questions in this survey could be stated this way: collective bargaining had either no impact or had bettered the conditions of academic librarians on the campuses where it occurred. Naturally, there was a good deal of difference among individual respondents on the effect of union activity at their particular institution. This variance was reflected in some of the comments requested and received at the end of the survey. Comments varied from one librarian from the Northeast who wrote, "I feel definitely that the presence of a collective bargaining agent with an active concern for librarians is beneficial." to a librarian from the Midwest who said, "Collective bargaining probably is the worst thing that ever happened to this university." Of course, there were also those who felt, like one, that "changes have been all but imperceptible."

The structure of the survey allowed a breakdown of the responses to collective bargaining as measured against several factors. This analysis was carried out on the following variables: sex, the type of academic library, the amount of supervisory duties, and the amount of professional experience that applied to the individual respondent. Generally, in the case of all variables tested, the respondents were remarkably homogeneous. It should be noted that the cases delineated below represent the exceptional rather than the commonplace occurrence. These particular cases all show a statistically significant level of difference as measured by a chisquare test at the .05 level.

As measured by the sex of the respondent, responses to three of the questions showed a

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Question	Change for the Better	Change for the Worse	No Change	No Response
1	20.83	13.89	54.17	11.11
2	31.94	13.89	48.61	5.56
2 3	44.44	1.39	47.22	6.94
4	8.33	1.39	86.11	4.17
5	4.17	2.78	88.89	4.17
6	15.28	11.11	69.44	4.17
7	12.50	6.94	76.39	4.17
8	11.11	8.33	73.61	6.94
4 5 6 7 8 9	20.83	5.56	65.28	8.33
10	11.11	5.56	76.39	6.94
11	22.22	6.94	63.89	6.94
12	16.67	8.33	68.06	6.94
13	34.72	6.94	52.78	5.56
14	31.94	6.94	55.56	5.56
15	23.61	6.94	62.50	6.94
16	62.50	4.17	27.78	5.56
17	40.28	2.78	48.61	8.33
18	54.17	1.39	38.89	5.56
19	44.44	State - State	50.00	5.56
20	30.56	9.72	55.56	4.17
21	70.83	1.39	23.61	4.17
22	26.39	1.39	68.06	4.17
23	20.83		75.00	4.17
24	37.50		55.56	6.94

TA	RI	[F]	9
10	D		4

Overall Responses to Collective Bargaining in Percent (N = 72)

significant degree of variation. They were:

Q8: Budget allocations
Q9: Personnel allocations
Q18: Fringe benefitschi-square = 11.018
chi-square = 6.516
chi-square = 9.429 $H_{O:} \mid P \mid \ge \mid P_{O}.05 \mid =$
5.991D.F. = 2

In the cases of both budget and personnel allocations, more male respondents tended to feel that there had been change for the better, while inversely, more female respondents believed things had changed for the worse. In the instance of fringe benefits, more females than males tended to believe collective bargaining had caused a change for the better.

Measuring the impact of collective bargaining on professional autonomy by both types of academic libraries and by years of experience yielded interesting data. The only question that resulted in any significant variation between expected values for university librarians and those for college librarians was Q15: Professional automony (chi-square = 6.819, .05 = 5.991). University librarians tended to think that there had been a much larger degree of change for the worse than college librarians.

The analysis of experience sought to determine if there was a difference between the responses of those librarians with one to fifteen years of professional experience and those with sixteen or more years of experience. Again, the only question that demonstrated a significant difference was Q15 (chisquare = 6.999, .05 = 5.991). More of the younger group of librarians tended to believe there had been a change for the better than did the older group.

The last variable tested was to determine if there was a significant difference between those librarians who did not supervise other professional librarians and those who supervised one or more professional librarians (groups roughly equivalent in size). None of the questions showed a significant variation between these two groups.

On the basis of this national survey of ACRL members, various quantitative conclusions can be drawn. The first of these determinations would be that collective bargaining affects about 25 percent of all college and university librarians in the United States, and that the level of unionization fluctuates greatly depending on the region of the country. The second conclusion was that the majority of those working under collective bargaining contracts were either neutral or positively inclined toward the effects of unionization. It was also shown that the categories that improved the most, according to the respondents, were those of individual benefit to the members (e.g., salaries), whereas the areas that had shown the highest change for the worse were generally of an organizational nature (e.g., library services). The final determination that can be made of this study is that, for the most part, factors such as sex, type of library, supervisory duties, or years of professional experience did not make a significant difference in the responses. No one group benefited more than another from collective bargaining; specific exceptions to this generalization were delineated.

It must be stated that many of the respondents to the survey commented that although they they were not presently under any form of collective bargaining, their campuses were in some stage of beginning faculty unionization. Hence, it would behoove the profession to repeat this or a similar study periodically in order to gauge the growth or decline of collective bargaining within the profession.

It was not the purpose of this study to formulate or even attempt to explain the causal rationale of the various data configurations. Whether unionization is good, bad, or indifferent for the profession or its individual members remains a question for others to ponder. This study is merely a step along the path to that collective decision.

References

- For examples see Lothar Spong, "Collective Bargaining and University Librarians: Wayne State University," College & Research Libraries 36:106-14 (March 1975); Mary Anne Burns and Jeanette Carter, "Collective Bargaining Faculty Status for Librarians: West Chester State College," College & Research Libraries 36:115-20 (March 1975), or Theodore L. Guyton, Unionization: The Viewpoint of Librarians (Chicago: American Library Assn., 1975).
- For examples see Gail Ann Schlachter, "Professionalism v. Unionism," Library Trends 25:451-73 (Oct. 1976); or Anne Commerton, "Union or Professional Organization? A Librarians's Dilemma," College & Research Libraries 36:129-35 (March 1975).
- Many of the attitudinal questions on the survey instrument were used with permission from Jean R. Kennelly, "The Current Status of Academic Librarians' Involvement in Collective Bargaining: A Survey," in Millicent D. Abell, ed., Collective Bargaining in Higher Education (Chicago: American Library Assn., 1976), p.89-90.
- Dennis Chamot, "The Effect of Collective Bargaining on the Employee-Management Relationship," *Library Trends* 25:491 (Oct. 1976).
- See Marilyn A. Oberg, Mary Blackburn, and Joan Dible, "Unionization: Costs and Benefits to the Individual and the Library," *Library Trends* 25:443 (Oct. 1976).

APPENDIX A

$$n = \frac{\sum_{i=1}^{5} \frac{N_{i}^{2} p_{i} q_{i}}{W_{i}}}{N^{2} D + \sum_{i=1}^{5} N_{i} p_{i} q_{i}}$$

where
$$D = \frac{B^2}{4}$$

- n = overall sample size
- N =population size
- N_i = strata size in the *i*th region
- p_i = strata proportion that are college or university librarians in the *i*th region
- $q_i = 1 p_i$
- w_i = weight factor; percentage of the population given by the ith region
- B = bound on the error of estimation; in this case .05

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Since, at the time of the sample, the actual proportion of ACRL members that were college or university librarians was not known, the most conservative estimate was used (i.e., p_i and $q_i = .5$) to calculate the required number of responses. ACRL members were assigned individual and regional sequential identification numbers, and were selected on the basis of random-number generation.

DATA CONFIGURATION					
Region	Population Size	Number Mailed	Number Required Returns	Actual Returns	wj
NE	2,540	272	133	146	.3497
SE	970	80	51	53	.1335
MI	2,061	199	108	122	.2837
SW	579	51	31	32	.0797
WE	1.114	98	59	70	.1534
Total	7,264	700	382	423	1.0000

APPENDIX B: SURVEY

SECTION I: BACKGROUND

1. Please check the appropriate box. Are you a:

Two year college librarian	Special librarian
_Four year college librarian	Library school student
University librarian	Library school faculty
Public librarian	Retired librarian
Other (please specify)	

2. Are you: ____ Female ____ Male

If you are *not* a college or university librarian you need not go further; please return this survey in the enclosed envelope.

3. Please check all appropriate box(es) of educational degrees obtained:

B.A. or B.S.	Specialist degree (library science)
Masters (library science)	Specialist degree (nonlibrary science)
Masters (nonlibrary science)	Ph.D. (library science)
Ed.D.	Ph.D. (nonlibrary science)

LD.

Other (please specify)

- 4. How many years have you been a professional librarian? ____
- 5. How many professional positions have you held? _____
- 6. How many years have you been at your present location? _
- Do you have "faculty rank" (defined as having the privileges of faculty, but without the the ability for tenure) at your present location? _____ yes _____ no
- Do you have "faculty status" (defined as having the privileges of faculty, *including* tenure) at your present location? ______ yes _____ no
- 9. Do you supervise other professional librarians at your present location? _____ yes _____ no If yes, How many professional librarians do you supervise?______

SECTION II: COLLECTIVE BARGAINING

- 1. Is it true that faculty collective bargaining is a fact on your campus? _____ yes _____ no
- 2. Are librarians included in the faculty bargaining unit(s)? _____ yes _____ no
- 3. If librarians *are not* included in the faculty bargaining unit(s), are librarians represented by other bargaining units? ______yes _____no
- If librarians are represented for collective bargaining purposes, are library administrators represented by the same bargaining units? _____yes _____no

SECTION III: ATTITUDES TOWARD COLLECTIVE BARGAINING

With regard to the *effects of collective bargaining* on the status of academic librarians on your campus, please mark the below categories with the following numerals:

Change for the better = 1Change for the worse = 2No change = 3

- 1. Relationship with library administration _____
- 2. Relationship with campus administration _____
- 3. Relationship with the faculty
- 4. Relationship with the students ____
- 5. Relationship with the public _
- 6. Quality of library services ____
- 7. Quality of library collections ____
- 8. Budget allocations ____
- 9. Personnel allocations _
- 10. Selection of clericals and paraprofessionals _____
- 11. Selection of librarians
- 12. Selection of library administrators _____
- 13. Participation in policy determination ____
- 14. Participation in decision making in general _
- 15. Professional autonomy ____
- 16. Salaries ____
- 17. Tenure _
- 18. Fringe benefits_
- 19. Leaves and vacations ____
- 20. Promotion ____
- 21. Due process (right to appeal alleged unfair practices) _____
- 22. Work schedules _
- 23. Length of workday_
- 24. Number of days in work year ____

Please feel free to include any comments you may have to any of the above categories in the following space and * the item indicated.

Comments:

Thank you for filling out this survey. Please return in the enclosed self-addressed, stamped envelope.

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