



GLOBAL JOURNAL OF MANAGEMENT AND BUSINESS RESEARCH: A
ADMINISTRATION AND MANAGEMENT
Volume 16 Issue 9 Version 1.0 Year 2016
Type: Double Blind Peer Reviewed International Research Journal
Publisher: Global Journals Inc. (USA)
Online ISSN: 2249-4588 & Print ISSN: 0975-5853

Investigating the Relationship of Organizational Citizenship Behavior with Job Satisfaction, Organizational Commitment and Turnover Intention: Evidence from the Banking Sector of Pakistan

By Saif-ud-Din, Prof. Mohammad Ishfaq & Muhammad Adeel

King Abdul Aziz University

Abstract- Organizational Citizenship Behaviors(OCB) are those behaviors for which employees are neither rewarded by their organizations, nor employees are encouraged to show such behaviors. OCB has potential to make countless contribution towards organizational effectiveness. The purpose of this study is to investigate the relationship between jobsatisfaction, organizational commitment, OCB and turnover intentions. This study has been conducted in the banking sector and for this purpose responses from 140 public and private banks' employees were obtained through simple random sampling. A questionnaire was used as a data collection instrument. SPSS17.0 software was used to analyze the data. Findings revealed that OCB is positively correlated with job satisfaction and organizational commitment, whereas it is negatively correlated with the turnover intentions.

Keywords: OCB, jobsatisfaction, organizational commitment, turnover intentions, banks.

GJMBR- A Classification: JELCode: J28



Strictly as per the compliance and regulations of:



Investigating the Relationship of Organizational Citizenship Behavior with Job Satisfaction, Organizational Commitment and Turnover Intention: Evidence from the Banking Sector of Pakistan

Saif-ud-Din^α, Prof. Mohammad Ishfaq^σ & Muhammad Adeel^ρ

Abstract- Organizational Citizenship Behaviors (OCB) are those behaviors for which employees are neither rewarded by their organizations, nor employees are encouraged to show such behaviors. OCB has potential to make countless contribution towards organizational effectiveness. The purpose of this study is to investigate the relationship between job satisfaction, organizational commitment, OCB and turnover intentions. This study has been conducted in the banking sector and for this purpose responses from 140 public and private banks' employees were obtained through simple random sampling. A questionnaire was used as a data collection instrument. SPSS17.0 software was used to analyze the data. Findings revealed that OCB is positively correlated with job satisfaction and organizational commitment, whereas it is negatively correlated with the turnover intentions. This study provides guidelines that will help banking sector's management to enhance the level of job satisfaction and organizational commitment of their employees by making use of organizational citizenship behavior that we believe will motivate employees and reduce their intention to leave the organization. This ultimately decreases the cost of losing highly skilled and invaluable employees.

Keywords: OCB, jobsatisfaction, organizational commitment, turnover intentions, banks.

1. INTRODUCTION

The most valuable factors for increasing organizational performance is the employee behavior and it also increases their individual performance. For the smooth functioning of financial institution bankers/employees must be more committed and more satisfied with their jobs and it also will help in reducing turnover. Many studies carried out have shown their results that employees with high OCB behaviors are seen to be more satisfied with their jobs and

committed to organization (Organ & Ryan, 1995 cited in Huangetal., 2004; Foote & Tang, 2008). Therefore, exciting attachment and staff choice is called OCB. The pioneer Dennis Organ defined the concept "Organizational Citizenship Behavior (OCB)" in the words "an essential condition of organization" that reflects "a willingness of participants to go beyond what is required" (Organ cited in Staw & Cummings, 1990, p. 43). Organizational gestures and behaviors belong to OCB and they cannot be applied at the base of formal obligation, or by contractual agreement of reward (Organ, 1990). Coyne and Ong, (2007), examined the relationship of OCB and turnover intention with cross cultural perspective in 162 production workers in the same organization in Malaysia, Germany and England. Their results generally supported that OCB is a strong predictor and significantly related with turnover intention across culture. Therefore OCB not only resulted in less turnover intentions, but also provide a conducive environment for the organization and enhanced organizational performance (Oplatka, 2009).

This study was carried out to find out the nature of the relationship between OCB with employees' behavior in the context of public and private sector banks of D.I.Khan, KPK, Pakistan. In the last decade, many of the private banks opened new branches and enhanced many branch facilities in this district, which ultimately raised the competition among banks to attract and retain customers. Such phenomena increased the job demands of employees to cope with route to improve OCB among employees to remain committed and satisfied to maintain their job. The other objective of this study is to find out the impact of job satisfaction and organizational commitment on employees OCB and the impact of OCB on the turnover intention of employees working in the banking sector of Pakistan. Therefore, by attempting to address this specific problem in the banking sector, our study contributes to develop OCB and will eventually reduce the intention to leave their jobs and in turn enhance effectiveness of the banking sector.

Author α: (Ph.D) Assistant Professor, Department of Human Resource Management, College of Business-Rabigh King Abdul Aziz University, Saudi Arabia. e-mail: saifjan2002@yahoo.com

Author σ: (Ph.D) Head of Finance department, College of Business-Rabigh King Abdul Aziz University, KAU, Saudi Arabia. e-mail: mishfaq60@yahoo.co.uk

Author ρ: (Ph.D. Scholar) Department of Management Sciences, Qurtuba University, D.I.Khan. e-mail: m.adeelparacha@yahoo.com

II. LITERATURE REVIEW

a) *Job Satisfaction, organizational commitment and OCB*

Job satisfaction, organizational commitment, fairness and organizational citizenship behaviors (OCB) have been proved by many scholars and researchers as they have a robust correlation among them (Organ & Ryan, 1995; Huangetal, 2004). Social exchange theory that describes when an organization provides benefits to its employees then their employees will certainly increase OCB and come up with a positive response to their organization. Almost every organization wants their employees to give maximum output, which could happen only with maximum satisfaction of employees. The study conducted by Mohammad et. al. (2011) revealed that both intrinsic and extrinsic job satisfaction has an important role in predicting citizenship behavior. They further suggested in the context of social exchange theory to improve employees OCB-O and OCB-I by providing them intrinsic and extrinsic motivational factors. It was observed that if employees are more satisfied they will be more willing to put efforts for the organization (Shaukat., et al, 2012). Many researchers have explained the relationship between OCB and job satisfaction. Foote & Tang (2008), presented a model in which they found out the relationship between OCB and job satisfaction. Research in Pakistani banking sectors found that more satisfied staff showed higher levels of OCB in the organization (Shaukat et al., 2012; Qamar, 2012). Arif & Chohan (2012) carried out a study in Pakistani banks and found a high correlation between both variables. Researchers found a significant relationship of OCB with Job satisfaction and Organizational commitment. Team commitment as a mediator supports the relationship between job satisfaction and OCB. Job satisfaction and OCB are positively and significantly correlated for committed employees in the team. It was also observed that OCB, organizational commitment and job satisfaction have a significant positive relation (Wilke & Lanzetta, 1970; Bolinoetal., 2002).

Job satisfaction was positive and significantly correlated with OCB for committed employees in teams. Jobsatisfaction improves the working relationship among workers that leads to commitment in a team and ultimately results in a higher level of OCBs (Wilke & Lanzetta, 1970; Bolinoetal., 2002). A study was conducted by Park, Yun, and Han, (2009) to see the factors that influenced OCB among nurses. The results revealed that jobsatisfaction and organizational commitment were some factors that positively influenced OCB of nurses which means that there was an appositive relationship between OCB and all selected variables. Good working relationship and interaction between supervisors and subordinates increases the commitment and OCB among employees and reduce

their turnover intentions, which ultimately improves organizational effectiveness (Asgari et al., 2008).Some researches on the other hand suggested certain contradictions in the literature about the relationship of job satisfaction and OCB, however, most of the studies supported positive relationship between job satisfaction and OCB (Mohammad et. al., 2011). Furthermore, in the current research employees who report high level of job satisfaction and organizational commitment with their work will be more involved in extra role performance like helping others, care their colleagues who have been absent from their duties etc. Therefore, on the basis of these arguments, the following hypotheses have been constructed.

H1: Job Satisfaction of bank employees will be positively related to OCB.

H2: Organizational Commitment of bank employees will be positively related to OCB.

III. OCB AND TURNOVER INTENTION

The relationship between OCB and turnover intention has begun to get attention in recent times (Chen, Hui and Segó, 1998; Chen, 2005; Mossholder et al., 2005, Paillé, P. (2012). Chen and his colleagues (1998; 2005) designated that behavioral antecedents are important predictors of turnover intention and actual turnover. It is reasonable to use OCB to forecast and predict turnover intention. The relationship of organizational citizenship behavior (OCB) and turnover intention has been observed by other researchers (e.g., Chen et al., 1998; Chen, 2005; Podsakoff et al., 2009). Former literature claimed that intensities of OCB indicate an employees' true willingness and inclination about extant, much they would like to be intricate in their organization, or how much they want to stay away from the organization (Chen et al., 1998). The main argument is that the lower levels of OCB, the stronger the signal of the reluctance of the employee to be part of the organization, and thus the higher probability that the employee would leave the organization.

Given that, some studies have also identified that OCB factors, altruism, sportsmanship, and civic virtue are negatively related to turnover intention (Paillé, 2012). Vein, et. al, (2007) discussed the relational viewpoint to show the OCB and turnover relationship and explored that OCB can reflect the quality of interpersonal relationships between employees in an organization. Therefore, engaging in OCB can satisfy the interactive needs of individuals and will increase the psychological cost if they leave the organization. Hence, we hypothesize that:

H3: Organizational Citizenship Behavior of bank employees will be negatively related to turnover intention.



Figure 1 : Research Model developed on the basis of above cited literature

IV. METHODOLOGY

a) Population and sampling

The Population of this research comprised of Bank employees serving at various banks in D.I.Khan, Khyber Pakhtunkhwa province of Pakistan. The banks employees sample represented both public and private sectors for collection of data. The size of sample comprises of 140 employees randomly selected from different banks.

The data have been collected by personally meeting with respondents during banking hours. From the public sector banks data were collected from the employees serving in National Bank, State Bank of Pakistan, Khyber Bank of Pakistan, Bank of Punjab, and from private sector banks, Habib Bank Limited, Muslim Commercial Bank, UBL, ABL, Bank Alfalah, Askari Bank, Bank Alfalah Islamic, and Meezan Bank, in D.I.Khan District.

Questionnaires were distributed randomly among the bankers of these banks to collect the data.

V. DATACOLLECTION AND RESPONSE RATE

As this research is primary in nature, so data were collected primarily through questionnaire from the respondents. Around 200 questionnaires were distributed in different branches of public and private sector banks located in D.I.Khan, Khyber Pakhtunkhwa, Pakistan. The Response rate was 70% as 140 usable questionnaires were returned.

VI. INSTRUMENTATION

A survey method is used to collect data through a structured questionnaire consisting Likert scale. It helps to get more responses in a very short time from employees. A Questionnaire was designed, which helps in data analysis. The following scales have been used as an instrument to collect data about the variables.

The scale of OCB was adopted from Organ, (1988), this variable contained ten questions and its Cronbach's alpha = 0.888. Organizational commitment scale was adapted from O'Reilly & Chatman (1986). Seven points Likert scale was used to obtain responses and it contains eight questions and its Cronbach's alpha

= 0.868. Scale of turnover intention has adopted from Walsh et al., (1985), and measured by using the 4 item scale and its reliability alpha value was 0.615. Job satisfaction was measured by Gul & Oktay (2009), using a 14 item scale, and its obtained Cronbach's alpha = 0.874. Five points Likert scales was used for both job satisfaction and turnover intention.

VII. DATA ANALYSIS TOOLS

SPSS 17.0 software was used to analyze the data. The Pearson correlation coefficient was used to analyze the strength of correlation and direction of the variables. In addition, simple regression was employed to investigate the variability in OCB and Turnover intention which can be attributed to job satisfaction and organizational commitment. Descriptive analysis was used to report the demographic information of the respondents. Correlation and regression analysis were used to analyze the data and to test the hypothesis.

VIII. FINDINGS AND ANALYSIS

a) Descriptive Analysis

Table 1

Age		
	Frequency	Percent
20 to 25 years	13	9.3
26 to 30 years	46	32.9
31 to 35 years	31	22.1
36 to 40 years	21	15.0
40 & Above	29	20.7
Total	140	100.0

In Table 1 Demographic information showed that among the sample of 140 respondents, 9.3% of them fell in age category 20-25 years, 32.9% fell into the category of 26-30 years, 22.1% fell in the category of 31-35 years, 15% fell in the category of 36-40 years. While 20.7 % respondents in the category of 40 and above.

Table 2

Gender		
	Frequency	Percent
Male	125	89.3
Female	15	10.7
Total	140	100.0

Table 2 shows the gender wise division of the respondents. 89.3% of the respondents were male, while 10.7% were female.

Table 4

Education		
	Frequency	Percent
F.A/F.Sc/Diploma	3	2.1
Graduation	30	21.4
Master	107	76.4
Total	140	100.0

Table 4 shows qualification of the respondents who were classified as intermediate, Graduation and Masters. Of them 2.1% respondents were of intermediate level of education, 21.4% employees were Graduate, and 76.4% employees were Masters degree holders. It means that the majority of respondents were with qualification of Master level.

Table 3

Public & Private		
	Frequency	Percent
Public	37	26.4
Private	103	73.6
Total	140	100.0

Table 3 showed the sectors to which employee belongs. Out of 140 respondents, 26.4% were from the public sector, while 73.6 percent employees were from private sector banks. Marital status of respondents which is categorized as single and married, 24.3% of the respondents were single, 75.7% were married. So the majority of the respondents were married.

IX. INFERENCE ANALYSIS

A correlation and regression analysis was conducted among job satisfaction, organizational commitment, OCB and turnover intention. Pearson correlation coefficients were calculated for the pair of variables in order to accept or reject the research hypothesis. Table 6 shows the correlation tests of all the independent and dependent variables.

Table 5: Pearson Correlation Results

	Mean	SD	Alpha	OCB	JS	OC	TI
OCB	5.32	1.01	.888	1			
Job Satisfaction	3.63	.674	.874	.511**	1		
Organizational Commitment	4.77	1.085	.868	.291**	.812**	1	
Turnover Intention	4.68	1.297	.615	-.178*	.024	.228**	1`

** Correlation is significant at the 0.01 level (2-tailed).

* Correlation is significant at the 0.05 level (2-tailed).

H1: Job Satisfaction of bank employees will be positively related to OCB.

In hypothesis 1 we expect that a positive relation would exist between job satisfaction and OCB. The obtained results of the correlation indicate that there exists a positive significant association between job satisfaction and OCB ($r = .511, p < 0.01$), which means that job satisfaction leads to organizational citizenship behavior. Therefore, hypothesis 1 is accepted.

H2: Organizational Commitment of bank employees will be positively related to OCB.

It was hypothesized in H2 that positive relation would exist between organizational commitment and OCB of the bank employees. The Pearson correlation results indicate that organizational commitment and OCB is positively correlated with a correlation coefficient of ($r = .291, p < .01$).

Therefore, employees who are committed to their organization, the more positive is their attitude toward OCB. Thus, hypothesis 2 is accepted.

H3: Organizational Citizenship Behavior of bank employees will be negatively related to turnover intention.

Moreover, it is hypothesized that OCB and turnover intention would be negatively related. The obtained results in the correlation analysis indicated that the negative relation exists between OCB and turnover intention of bank employees ($r = -.178, P < 0.05$). Hence, hypothesis 3 is supported.

X. SIMPLE REGRESSION ANALYSIS

In order to get more insight of the research, an attempt has been made to count the significant influence of the independent variables on the dependent variables. For this purpose the following simple regression was applied to explore the significant impact of the variables under study.

Table 6

	R	R ²	Beta	F	P
JS → OCB	0.511	0.261	0.511	48.674	0.000

Dependent variable: OCB

Table 6 is about the influence of Job satisfaction (JS) on OCB. Simple regression analysis was run to test the cause and effect of independent and dependent variables. Regression coefficient R² is 0.261 meaning that 26% variation in the DV (OCB) is explained by IV (JS) and the rest of the variance in overall OCB can be

attributed to other factors which are held constant. The value of the unstandardized Beta of a theoretical relationship is positive ($\beta = 0.511, p < .05$) meaning that a change of one standard deviation in JS will result in a change of 0.511 standard deviations in the OCB.

Table 7

	R	R ²	Beta	F	P
OC → OCB	0.291	0.085	0.291	12.764	0.000

Table 7 shows that regression coefficient R² is 0.085, which means that only 8.5% variation in the DV is due to IV and the rest of the variance in organizational commitment can be attributed to other factors which are

held constant. Unstandardized Beta is 0.291 meaning that a change of one standard deviation in OCB will result in a change of 0.291, standard deviation in organizational commitment.

Table: 8

	R	R ²	Beta	F	P
OCB → TI	0.178	0.032	-0.178	4.505	0.036

Dependent variable: Turnover Intentions

Table 8 shows that regression coefficient R² is 0.032 which means that 3.2% variation in the turnover intention is due to OCB and other variation is due to other factors which are held constant. The value of unstandardized beta of theoretical relationship is significantly negative ($\beta = -0.17$, $p < .05$) meaning that a change of one standard deviation in OCB will result in a change of 0.17 standard deviation in the turnover intentions.

XI. DISCUSSION AND CONCLUSION

This research is an attempt to explore the relationship of organizational citizenship behavior with employees' job attitude and behavior, i.e. job satisfaction, organizational commitment, and turnover intention of the banking sector employees in Pakistan. The results confirmed that OCB is significantly related to job satisfaction and organizational commitment. These results are in line with the previous studies, for example, see Asgari et al., 2008 and Jain, 2009, KILIÇ, 2013, Ibrahim, Aslinda, and Makassar 2013). Their results revealed that OCB holds a positive significant relationship with job satisfaction and organizational commitment. Those employees who are more satisfied show high commitment and OCB and less turnover intention. So in our study all the three hypothesis are supported. The relationship between OCB and turnover is significantly negative; it means that employees show their organizational citizenship behavior with high job satisfaction and organizational commitment which reduces chances of turnover intention among the banking sector employees in Pakistan. These results also support the previous researches (for example see, Wilke & Lanzetta, 1970; Bolino et al., 2002; Foote & Tang 2008; Park, Yun, and Han, 2009).

In short OCB holds a positive significant relationship with job satisfaction and organizational commitment and negatively related to turnover intentions. Therefore, the policy makers of the banking sector need to revise their human resource policies with respect to their compensation and benefits i.e. revising their pay policies and in addition to financial compensation they must also benefit them other attractive fringe benefits like free medical treatment to their families, children's education, transportation, and house rent etc. Furthermore, the authorities are required to promote good relationship with labor unions and employee in order to solve their organizational and personal problems. This will not only enhance the satisfaction and commitment level of the employees, but

also the effectiveness of the banking sector to reap the benefits of low turnover intention and enhance the banks productivity.

XII. RESEARCH IMPLICATIONS

This study investigated the association of work related outcomes, i.e. Jobsatisfaction, organizational commitment, organizational citizenship behavior and turnover intentions. The other part of the results represent cause and effect relationship of the Jobsatisfaction, organizational commitment, organizational citizenship behavior, and turnover intentions of the banking sector employees in Pakistan. This study enhanced our understanding regarding the concepts of OCB, organizational commitment, overall jobsatisfaction and turnover intentions.

The research model of this study helps the researchers for future research to identify and test some mediator and moderator in the same theoretical framework. This study also shows some factors which reduce turnover intentions, i.e. withdrawal behavior of employees, which is very much important for the smooth functioning of every organization, particularly in banks. This study helps to authorities at top levels in the banking sector with guidelines regarding how to enhance positive attitudes like jobsatisfaction, commitment and enhance OCB to decrease negative behaviors like turnover intentions.

REFERENCES RÉFÉRENCES REFERENCIAS

1. Arif, Ahmad., Chohan, Aisha. (2012), "How Job Satisfaction is Influencing the Organizational Citizenship Behavior (OCB): a Study on Employees Working in Banking Sector of Pakistan", *Interdisciplinary Journal of Contemporary Research in Business*, 4 (8), 75-88.
2. Asgari, A., Silong, A.D., Ahmad, A., and Samah, B.A. (2008), The Relationship between Transformational Leadership Behaviors, Organizational Justice, Leader-Member Exchange, Perceived Organizational Support, Trustin Management and Organizational Citizenship Behaviors, *European Journal of Scientific Research* 23(2), 227-242.
3. Bolino, M.C., Turnley, W.H. and Bloodgood, J.M. (2002), "Citizenship behavior and the creation of social capital in organizations", *Academy of Management Review*, 27, 505-222.
4. Chen, X.-P. (2005), 'Organizational Citizenship Behavior: A Predictor of Employee Voluntary

- Turnover,' in Handbook of Organizational Citizenship Behavior: A Review of 'Good Soldier' Activity in Organizations, ed. D.L. Turnipseed, New York: Nova Science, pp. 435-454.
5. Chen, X.-P., Hui, C., and Segó, D.J. (1998), 'The Role of Organizational Citizenship Behavior in Turnover: Conceptualization and Preliminary Tests of Key Hypotheses,' *Journal of Applied Psychology*, 83, 6, 922-931.
 6. Coyne, I., and Ong., T. (2007), "Organizational citizenship behavior and turnover intention: a cross-cultural study", *Int. J. of Human Resource Management*, 18(6), 1085-1097. DOI: 10.1080/09585190701321831
 7. Foote, D.A. and Tang, T.L.P. (2008) Jobsatisfaction and organizational citizenship behavior (OCB) Does team commitment make a difference in self-directed teams? *Management Decision*, 46 (6), 933-947.
 8. Huang, J.H., Jin, B.H. and Yang, C. (2004) Satisfaction with business-to-employee benefit systems and organizational citizenship behavior An examination of gender differences, *International Journal of Manpower* 25(2), pp. 195-210.
 9. Ibrahim, M.A, Aslinda, A., Makassar. (2013), "Relationship between Organizational Commitment and Organizational Citizenship Behavior (OCB) At Government-Owned Corporation Companies, *Journal of Public Administration and Governance*, 3(3), 35-42.
 10. Jain, A.K. (2009) Exploring the Relative Relevance of Organizational Citizenship Behavior and Emotional Intelligence, *Journal of the Indian Academy of Applied Psychology*, 35 (1), 87-97.
 11. KILIÇ, E. (2013), "The Relationship Among Organizational Commitment and Organizational Citizenship Behavior -A Research Study On Call Center Employees, *Industrial Relations and Human Resources Journal*, 15(3):83-93.
 12. Mohammad, J., Habib, F.Q., and Alias, M.A. (2011), "Job satisfaction and organizational citizenship behavior: An Empirical Study at Higher Learning Institutions", *Asian Academy of Management Journal*, 16(2), 149-165.
 13. Mossholder, K.W., Settoon, R.P., & Henagan, S.C. (2005), "A relational perspective on turnover: Examining structural, attitudinal, and behavioral predictors" *Academy of Management Journal*, 48, 607-618.
 14. Oplatka, I.(2009), Organizational Citizenship Behavior in teaching, the consequences for teachers, pupils, and the school. *International Journal of Educational Management* Vol. 23 No.5, 2009pp.375-389.
 15. Organ, D. W. (1988). Organizational Citizenship behavior: The good soldier syndrome. Lexington, MA: Lexington Books.
 16. Organ, D. W. (1990). The Motivational Basis of Organizational Citizenship Behavior. In B. M. Staw & L. L. Cummings (Eds.), *Research in Organizational Behavior*, 12: 43-72. Greenwich, CT: JAI Press.
 17. Paillé, P. (2012), "Organizational citizenship behaviour and employee retention: how important are turnover cognitions?", *The International Journal of Human Resource Management*, 24(4),1-23. DOI: 10.1080/09585192.2012.697477
 18. Park, J. Yun, E. and Han, S. (2009). Factors influencing Nurses' Organizational Citizenship Behavior, *Journal of Korean Academy of Nurses*, 39(4): 499-507. <http://dx.doi.org/10.4040/jkan.2009.39.4.499>
 19. Podsakoff, N. P., Whiting, S. W., Podsakoff, P. M., & Blume, B. D. (2009). Individual and organizational level consequences of organizational citizenship behaviors: A meta-analysis. *Journal of Applied Psychology*, 94(1), 122-141. <http://dx.doi.org/10.1037/a0013079>
 20. Qamar, N., (2012). Job Satisfaction and Organizational Commitment As Antecedents Of Organizational Citizenship Behavior, *International Journal Of Contemporary Research In Business*, 5(7), 103-122.
 21. Shaukat, M. Z., Senin, A. A., & Ahmed, I. (2012). An exchange perspective of job satisfaction: A study of banking sector of Pakistan. *Business and Management Dynamics. Management Dynamics*, 1(2), 59-65.
 22. Staw, B.M. & Cummings, L.L. (1990), *Research in Organizational Behavior*, 12. Greenwich, CT: JAI Press Inc
 23. Wilke, H. and Lanzetta, J.T.(1970), "The obligation to help: the effects of amount of prior help on subsequent helping behavior", *Journal of Experimental Social Psychology*, 6(4), 488-93.

This page is intentionally left blank

