

ROBERT C. GARDNER

CURRICULUM VITA

EDUCATION:

<u>Degree</u>	<u>Course</u>	<u>Institution</u>	<u>Date</u>
B.Sc.	Psychology	University of Alberta	1956
M.Sc.	Psychology	McGill University	1958
Ph.D.	Psychology	McGill University	1960

THESES:

Gardner, R. C. Social factors in second-language acquisition. Master's thesis, McGill University, 1958.

Gardner, R. C. Motivational variables in second-language acquisition. Doctoral dissertation, McGill University, 1960.

OCCUPATIONAL HISTORY:

<u>Dates</u>	<u>Position</u>	<u>Department</u>	<u>University</u>
July 1959-60	Research Assistant	Graduate School of Education	Harvard
July 1960-61	Research Associate	Psychology	McGill
1961	Joined the Department of Psychology, University of Western Ontario		
1961-62	Lecturer		
1962-66	Assistant Professor		
1966-70	Associate Professor		
1970-2000	Full Professor		
2000-present	Professor Emeritus		

Years away from the University of Western Ontario

1968-69	Ford Foundation Consultant	Language Study Centre	Manila, Philippines
1976-77	Sabbatical Leave	Psychology	University of Bristol, England
1989-90	Sabbatical Leave	Psychology	University of Western Ontario

RELATED EXPERIENCE:

<u>Dates</u>	<u>Experience</u>	<u>Organization</u>
1961-67	Member, Human Resources Research Advisory Council	Defense Research Board
1972-75	Member, Research Committee	Ontario Mental Health Foundation
1972-74	Member, Statistics Committee	Social Science Research Council
1974-77	Director	Canadian Psychological Association
1974-77	Chairman	CPA - Scientific Affairs Committee
1981-85	Editor	Canadian Journal of Behavioural Science
1982-	Member, Editorial Board	Journal of Language and Social Psychology
1984	Consultant	Center for Applied Linguistics, Washington, D.C.
1984	Consultant	Foreign Language Institute, Monterey, California
1987-	Honorary Professor	Department of Occupational Therapy, University of Western Ontario
1994-1997	University Representative	Social Science Federation of Canada General Assembly

HONOURS:

1975	Fellow	Canadian Psychological Association
1976		SSHRCC Sabbatical Leave Fellowship
1993	Member	Scientific Advisory Council XXVI, International Congress of Psychology, Montreal, 1996
1999	Recipient	1999 Canadian Psychological Association Education and Training Award
2000		International Congress of Language and Social Psychology established the Robert C. Gardner Award to be presented biennially to a researcher for outstanding contributions in foreign language acquisition, bilingualism, and ethnic relations

TEACHING:

Courses taught in recent years include Undergraduate Research Methods and Statistics, Undergraduate Computer Applications in Psychological Research, Graduate Research Design, Graduate Ethnic Relations, and Graduate Topics in Measurement.

BOOKS

- Gardner, R. C., & Lambert, W. E. (1972). Attitudes and motivation in second language learning. Rowley, Mass.: Newbury House.
- Gardner, R. C., & Kalin, R. (Eds.) (1981). A Canadian social psychology of ethnic relations. Agincourt: Methuen.
- Gardner, R. C. (1985). Social psychology and second language learning: The role of attitudes and motivation. London: Edward Arnold Publishers.
- Gardner, R. C. (2001). Psychological statistics using SPSS for Windows. Upper Saddle River, NJ: Prentice Hall.

PUBLICATIONS

- 1959 Gardner, R. C., & Lambert, W. E. (1959). Motivational variables in second language acquisition. Canadian Journal of Psychology, 13, 266-272.
- 1960 Lambert, W. E., Havelka, J., & Gardner, R. C. (1960). Linguistic manifestations of bilingualism. The American Journal of Psychology, 72, 77-82.
- Lambert, W. E., Hodgson, R. C., Gardner, R. C., & Fillenbaum, S. (1960). Evaluational reactions to spoken languages. Journal of Abnormal and Social Psychology, 60, 44-51.
- 1962 Gardner, R. C. (1962). Aptitude and motivation: Their role in second language acquisition. Seminar Report. Teaching Modern Languages, Canadian Teachers' Federation.
- 1963 Lambert, W. E., Gardner, R. C., Barik, H. C., & Tunstall, K. (1963). Attitudinal and cognitive aspects of intensive study of a second language. Journal of Abnormal and Social Psychology, 66, 358-368.
- 1964 Tajfel, H., Sheikh, A., & Gardner, R. C. (1964). Content of stereotypes and the inference of similarity between members of stereotyped groups. Acta Psychologica, 22, 191-201.
- 1965 Gardner, R. C. (1965). A language aptitude test for blind students. Journal of Applied Psychology, 49, 135-141.
- Gardner, R. C., & Lambert, W. E. (1965). Language aptitude, intelligence, and second-language achievement. Journal of Educational Psychology, 56, 191-199.
- 1966 Gardner, R. C. (1966). Motivational variables in second-language learning. International Journal of American Linguistics, 32, 24-44.
- Gardner, R. C. (1966). Psychological adjustments demanded of the language learner. In R. B. Caplan (Ed.), Selected Conference Papers of the Association of Teachers of English as a Second Language. University of Southern California Press, 12, 51-58.
- Gardner, R. C., Kuehne, C., & Reynolds, A. G. (1966). A word count program for language. Behavioral Science, 12, 344-345.
- 1967 Gardner, R. C., Reynolds, A. G., & Kuehne, C. (1967). A content analysis program for language. Behavioral Science, 12, 499-500.
- Preston, J. M., & Gardner, R. C. (1967). Dimensions of oral and written language fluency. Journal of Verbal Learning and Verbal Behavior, 6, 936-945.

- 1968 Gardner, R. C. (1968). Attitudes and motivation: Their role in second- language acquisition. TESOL Quarterly, 2, 141-150.
- Gardner, R. C., & Taylor, D. M. (1968). Ethnic stereotypes: Their effects on person perception. Canadian Journal of Psychology, 22, 267-276.
- Gardner, R. C., Wonnacott, E. J., & Taylor, D. M. (1968). Ethnic stereotypes: A factor analytic investigation. Canadian Journal of Psychology, 22, 35-44.
- Sheikh, A. A., & Gardner, R. C. (1968). Comparative accuracy of Canadians' perceptions of compatriots and foreigners. Journal of Social Psychology, 76, 275-276.
- 1969 Gardner, R. C. (1969). The psychology of foreign language learning. In T. Llamzon (Ed.), Proceedings of the Summer Seminar on Language Teaching (pp. 1-31). Quezon City: R. P. Garcia Co.
- Gardner, R. C., Reynolds, A. G., & Beinarovics, V. (1969). Personal values and the meaningfulness of value-related words. Psychological Reports, 24, 939-942.
- Gardner, R. C., & Taylor, D. M. (1969). Ethnic stereotypes: Meaningfulness in ethnic-group labels. Canadian Journal of Behavioural Science, 1, 182-192.
- Gardner, R. C., Taylor, D. M., & Santos, E. (1969). Ethnic stereotypes: The role of contact. Philippine Journal of Psychology, 2, 11-24.
- Taylor, D. M., Dagot, E. P., & Gardner, R. C. (1969). The use of the semantic differential in cross cultural research. Philippine Journal of Psychology, 2, 43-51.
- Taylor, D. M., & Gardner, R. C. (1969). Ethnic stereotypes: Their effects on the perception of communicators of varying credibility. Canadian Journal of Psychology, 23, 161-173.
- 1970 Gardner, R. C., Taylor, D. M., & Feenstra, H. J. (1970). Ethnic stereotypes: Attitudes or beliefs? Canadian Journal of Psychology, 24, 321-334.
- Gardner, R. C., Wonnacott, E. J., & Taylor, D. M. (1970). Ethnic stereotypes: A factor analytic investigation. Chapter 57 in A. W. Pressey & J. P. Zubek (Eds.), Readings in general psychology: Canadian contributions. Toronto: McClelland and Stewart. (Reprinted from Canadian Journal of Psychology, 22, 35-44.)
- Taylor, D. M., & Gardner, R. C. (1970). Bicultural communication: A study of communicational efficiency and person perception. Canadian Journal of Behavioural Science, 2, 67-81.

Taylor, D. M., & Gardner, R. C. (1970). The role of stereotypes in communication between ethnic groups in the Philippines. Social Forces, 49, 271-283.

- 1972 Gardner, R. C., & Kirby, D. M., Gorospe, F. H., & Villamin, A. C. (1972). Ethnic stereotypes: An alternative assessment technique, the stereotype differential. The Journal of Social Psychology, 87, 259-267.

Gardner, R. C., & Lambert, W. E. (1972). Motivational variables in second-language acquisition. Chapter 11 in J. W. Berry & G. J. S. Wilde (Eds.), Social psychology: The Canadian context. Toronto: McClelland and Stewart. (Reprinted from Canadian Journal of Psychology, 1959, 13, 266-272.)

Gardner, R. C., Taylor, D. M., & Feenstra, H. J. (1972). Ethnic stereotypes: Attitudes or beliefs? Chapter 10 in J. W. Berry & G. J. S. Wilde (Eds.), Social psychology: The Canadian context. Toronto: McClelland and Stewart. (Reprinted from Canadian Journal of Psychology, 24, 321-334.)

Kirby, D. M., & Gardner, R. C. (1972). Ethnic stereotypes: Norms on 208 words typically used in their assessment. Canadian Journal of Psychology, 26, 140-154.

Lambert, W. E., Hodgson, R. C., Gardner, R. C., & Fillenbaum, S. (1972). Evaluational reactions to spoken languages. Chapter 8 in W. E. Lambert (Ed.), Language, psychology and culture: Essays by W. E. Lambert. Stanford: Stanford University Press. (Reprinted from Journal of Abnormal and Social Psychology, 60, 44-51.)

Taylor, D. M., & Gardner, R. C. (1972). Bicultural communication: A study of communicational efficiency and person perception. Chapter 12 in J. W. Berry & G. J. S. Wilde (Eds.), Social psychology: The Canadian context. Toronto: McClelland and Stewart. (Reprinted from Canadian Journal of Behavioural Science, 1970, 2, 67-81.)

- 1973 Gardner, R. C. (1973). Attitudes and motivation: Their role in second-language acquisition. In J. W. Oller & J. C. Richards (Eds.), Focus on the learner: Pragmatic perspectives for the language teacher. Mass.: Newbury House. (pp. 235-246) (Reprinted from TESOL Quarterly, 1968, 2, 141-150.)

Gardner, R. C. (1973). Ethnic stereotypes: The traditional approach, a new look. Canadian Psychologist, 14, 133-148.

Gardner, R. C. (1973). Ethnic stereotypes: Their consequences for second-language acquisition. Manitoba Modern Language Bulletin, 8, 1-19.

Gardner, R. C., Kirby, D. M., & Arboleda, A. (1973). Ethnic stereotypes: A cross-cultural replication of their unitary dimensionality. The Journal of Social Psychology, 91, 189-195.

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Kirby, D. M., & Gardner, R. C. (1973). Ethnic stereotypes: Determinants in children and their parents. Canadian Journal of Psychology, 27, 127-143.

Reichenfeld, H. F., Csapo, K. G., Carriere, L., & Gardner, R. C. (1973). Evaluating the effect of activity programs on a geriatric ward. The Gerontologist, 13, 305-310.

Smythe, P. C., Jutras, G. C., Bramwell, J. R., & Gardner, R. C. (1973). Second language retention over varying intervals. The Modern Language Journal, 57, 400-405.

1974 Gardner, R. C., Kirby, D. M., Smythe, P. C., Dumas, G., Zelman, M., & Bramwell, J. R. (1974). Bicultural excursion programs: Their effects on students' stereotypes, attitudes and motivation. Alberta Journal of Educational Research, 20, 270-277.

Gardner, R. C., & Smythe, P. C. (1974). Second-language acquisition: motivational considerations. Bilingualism, Biculturalism and Education, 1, 11-30.

Gardner, R. C., & Smythe, P. C. (1974). The integrative motive in second-language acquisition. Bilingualism, Biculturalism and Education, 1, 31-45.

1975 Gardner, R. C. (1975). Motivational variables in second language learning. Proceedings of the Canadian Association of Applied Linguistics, 45-73.

Gardner, R. C., Kirby, D. M., Pablo, R. Y., & Castillo, E. S. (1975). Ethnic stereotypes: The role of language. The Journal of Social Psychology, 96, 3-9.

Gardner, R. C., & Smythe, P. C. (1975). Motivation and second-language acquisition. The Canadian Modern Language Review, 31, 218-230.

Smythe, P. C., Stennett, R. G., & Gardner, R. C. (1975). The best age for foreign-language training: Issues, opinions and facts. Canadian Modern Language Review, 32, 10-23.

1976 Clément, R., Smythe, P. C., & Gardner, R. C. (1976). Echelles d'attitudes et de motivation reliées à l'apprentissage de l'anglais, langue seconde. Canadian Modern Language Review, 33, 5-26.

Gardner, R. C. (1976). (Review of French from age eight, or eleven by H. H. Stern, C. Burstall, & B. Harley. Toronto: O.I.S.E. Press, 1975.) Canadian Modern Language Review, 33, 96-97.

Gardner, R. C., Ginsberg, R. E., & Smythe, P. C. (1976). Attitude and motivation in second-language learning: Course related changes. Canadian Modern Language Review, 32, 243-266.

Gardner, R. C., Smythe, P. C., Clément, R., & Glikzman, L. (1976). Second language learning: A social psychological perspective. Canadian Modern Language Review, 32, 198-213.

1977 Cintas, P., Brooks, N., Escola, Y., Gardner, R. C., Rohsenow, J. S., & Scatton, E. A. (1977). Language acquisition. In W. E. Born (Ed.), Language: Acquisition, application and appreciation. Reports of the Working Committees of the Northeast Conference on the Teaching of Foreign Language. Montpelier, Vermont.

Clément, R., Gardner, R. C., & Smythe, P. C. (1977). Inter-ethnic contact: Attitudinal consequences. Canadian Journal of Behavioural Science, 9, 205-215.

Clément, R., Gardner, R. C., & Smythe, P. C. (1977). Motivational variables in second language acquisition: A study of francophones learning English. Canadian Journal of Behavioural Science, 9, 123-133.

Clément, R., Major, L. J., Gardner, R. C., & Smythe, P. C. (1977). Attitudes and motivation in second language acquisition: An investigation of Ontario francophones. Working Papers on Bilingualism, 12, 1-20.

Gardner, R. C. (1977). Social factors in second language acquisition and bilinguality. Invited chapter in Individual, Language and Society, 103-148, published by The Canada Council.

Gardner, R. C., Smythe, P. C., & Brunet, G. R. (1977). Intensive second language study: Effects on attitudes, motivation and French achievement. Language Learning, 27, 243-261.

1978 Clément, R., Smythe, P. C., & Gardner, R. C. (1978). Persistence in second language study: Motivational considerations. Canadian Modern Language Review, 34, 688-694.

Gardner, R. C., Glikzman, L., & Smythe, P. C. (1978). Attitudes and behaviour in second language acquisition: A social psychological interpretation. Canadian Psychological Review, 19, 173-186.

1979 Gardner, R. C. (1979). Social psychological aspects of second language acquisition. In H. Giles & R. St. Clair (Eds.), Language and Social Psychology. Oxford: Basil Blackwell.

Gardner, R. C., & Smythe, P. C. (1979). La motivacion y la adquisicion de un segundo idioma. In A-L. Prijante (Ed.), Aspectos psicopedagogicos del aprendizaje de idiomas extranjeros. Ediciones Universidad de Salamanca, Spain.

Gardner, R. C., Smythe, P. C., & Clément, R. (1979). Intensive second language study in a bicultural milieu: An investigation of attitudes, motivation and language proficiency. Language Learning, 29, 305-320.

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- 1980 Clément, R., Gardner, R. C., & Smythe, P. C. (1980). Social and individual factors in second language acquisition. Canadian Journal of Behavioural Science, 12, 293-302.

Gardner, R. C. (1980). Attitude and motivation. In Cap-Rouge: Seminars on the teaching of English or French as a second language: Summary of proceedings. Council of Ministers of Education, Canada.

Gardner, R. C. (1980). On the validity of affective variables in second language acquisition: conceptual, contextual, and statistical considerations. Language Learning, 30, 255-270.

Gardner, R. C. (1980). Social factors in language retention. Educational Resources Information Centre (ERIC) Reports, ED 192 551.

Gardner, R. C., & Desrochers, A. M. (1980). Second-language acquisition and bilingualism: Research in Canada (1970-1979). Educational Resources Information Center (ERIC) Reports, ED 192 605.

Tajfel, H., Sheikh, A. A., & Gardner, R. C. (1980). Contenu des stereotypes et inference de la similarite entre des membres de groupes stereotypes. In W. Diose, Experiences entre groupes. The Hague: Mouton. (Originally published in English in Acta Psychologica, 1964, 22, 191-201.)

- 1981 Desrochers, A., & Gardner, R. C. (1981). Second-language acquisition: An investigation of a bicultural excursion experience. Quebec: International Centre for Research on Bilingualism. (ERIC Document No. ED208689)

Gardner, R. C. (1981). Editor's report for The Canadian Journal of Behavioural Science, Canadian Psychology, 22, 382-384.

Gardner, R. C. (1981). Second language learning. Chapter VI in R. C. Gardner & R. Kalin (Eds.), A Canadian social psychology of ethnic relations. Toronto: Methuen.

Gardner, R. C., & Desrochers, A. M. (1981). Second-language acquisition and bilingualism: Research in Canada (1970-1980). Canadian Psychology, 22, 146-162.

Gardner, R. C., & Smythe, P. C. (1981). On the development of the Attitude/ Motivation Test Battery. Canadian Modern Language Review, 37, 510-525. (Invited manuscript). (ERIC Document No. EJ247237)

Kalin, R., & Gardner, R. C. (1981). The cultural context of social psychology. Chapter I in R. C. Gardner & R. Kalin (Eds.), A Canadian social psychology of ethnic relations. Toronto: Methuen.

Tajfel, H., Sheik, A., & Gardner, R. C. (1981). Content of stereotypes and the inference of similarity between members of stereotyped groups. In H. Tajfel (Ed.), Human groups and social categories. Cambridge, MA: Cambridge University Press. (pp. 116-122) (Abridged from Acta Psychologica, 22, 191-201.)

1982 Gardner, R. C. (1982). Editor's report for The Canadian Journal of Behavioural Science. Canadian Psychology, 23, 166-168.

Gardner, R. C. (1982). Language attitudes and language learning. Chapter 8 in E. B. Ryan & H. Giles (Eds.), Attitudes toward language variation: Social and applied contexts. London: Edward Arnold.

Gardner, R. C. (1982). Social factors in language retention. Chapter 2 in R. D. Lambert & B. Freed (Eds.), Loss of language skills. Rowley, MA: Newbury House.

Gardner, R. C., & Glikzman, L. (1982). On "Gardner on affect": A discussion of validity as it relates to the Attitude/Motivation Test Battery. Language Learning, 32, 191-200.

Glikzman, L., Gardner, R. C., & Smythe, P. C. (1982). The role of the integrative motive on students' participation in the French classroom. Canadian Modern Language Review, 38, 625-647. (ERIC Document No. EJ265810)

1983 Gardner, R. C., & Desrochers, A. (1983). Second-language acquisition and bilingualism: Research in Canada (1970-1980). Manuscript added to the William S. Gray Research Collection, Hofstra University. (Originally published in Canadian Psychology, 1981, 22, 146-162.)

Gardner, R. C., Lalonde, R. N., & Pierson, R. (1983). The socio-educational model of second language acquisition: An investigation using LISREL causal modeling. Journal of Language and Social Psychology, 2, 51-65.

Gardner, R. C. (1983). Learning another language: A true social psychological experiment. Journal of Language and Social Psychology, 2, 219-239.

Gardner, R. C. (1983). Editor's report for The Canadian Journal of Behavioural Science. Canadian Psychology, 24, 303-304.

- 1984 Clément, R., Smythe, P. C., & Gardner, R. C. (1984). Persistence in second language study: Motivational considerations. In D. Benson (Ed.), Education 3050: Book of Readings. Memorial University of Newfoundland. (Reprinted from Canadian Modern Language Review, 1978, 34, 688-694.)
- Gardner, R. C. (1984). Editorial. Canadian Journal of Behavioural Science, 16, 77-82.
- Gardner, R. C. (1984). Editor's report for The Canadian Journal of Behavioural Science. Canadian Psychology, 25, 342-343.
- Gardner, R. C., & Erdle, S. (1984). Aggregating scores: To standardize or not to standardize? Educational and Psychological Measurement, 44, 813-822.
- Gardner, R. C., Smythe, P. C., Clément, R., & Gliksmann, L. (1984). Second-language learning: A social psychological perspective. In D. Benson (Ed.), Education 3050: Book of readings. Memorial University of Newfoundland. (Reprinted from Canadian Modern Language Review, 1976, 32, 198-213.)
- Lalonde, R. N., & Gardner, R. C. (1984). Investigating a causal model of second language acquisition: Where does personality fit? Canadian Journal of Behavioural Science, 16, 224-237.
- 1985 Gardner, R. C. (1985). Editor's report for The Canadian Journal of Behavioural Science. Canadian Psychology, 26, 352-353.
- Gardner, R. C., Lalonde, R. N., & Moorcroft, R. (1985). The role of attitudes and motivation in second language learning: Correlational and experimental considerations. Language Learning, 35, 207-227.
- Gardner, R. C., Lalonde, R. N., & MacPherson, J. (1985). Social factors in second-language attrition. Language Learning, 35, 519-540. (ERIC Document No. EJ334508)
- Gardner, R. C., & Lalonde, R. N. (1985). Second language acquisition: A social psychological perspective. Resources in Education, ED 262 624.
- Lalonde, R. N., & Gardner, R. C. (1985). On the predictive validity of the Attitude/Motivation Test Battery. Journal of Multilingual and Multicultural Development, 6, 403-412. (ERIC Document No. EJ329903)
- 1986 Gardner, R. C., & Erdle, S. (1986). Aggregating standard scores or raw scores: Whither the controversy? Educational and Psychological Measurement, 46, 533-536.

- 1987 Gardner, R. C., Lalonde, R. N., Moorcroft, R., & Evers, F. T. (1987). Second language attrition: The role of motivation and use. Journal of Language and Social Psychology, 6, 29-47.
- Gardner, R. C., & Neufeld, R. W. J. (1987). Use of the simple change score in correlational analyses. Educational and Psychological Measurement, 47, 849-864. (ERIC Document No. EJ371389)
- Lalonde, R. N., Lee, P. A., & Gardner, R. C. (1987). The common view of the good language learner: An investigation of teachers' beliefs. The Canadian Modern Language Review, 44, 16-34. (ERIC Document No. EJ373565)
- Moorcroft, R., & Gardner, R. C. (1987). Linguistic factors in second language loss. Language Learning, 37, 327-340. (ERIC Document No. EJ366229)
- Pablo, R. Y., & Gardner, R. C. (1987). Ethnic stereotypes of Filipino children and their parents. Philippine Studies, 35, 332-347.
- 1988 Gardner, R. C. (1988). Attitudes and motivation. Annual Review of Applied Linguistics, 9, 135-148.
- Gardner, R. C. (1988). The socio-educational model of second language learning: Assumptions, findings and issues. Language Learning, 38, 101-126.
- Gardner, R. C., Lalonde, R. N., Nero, A. M., & Young, M. Y. (1988). Ethnic stereotypes: Implications of measurement strategy. Social Cognition, 6, 40-60.
- Pablo, R. Y., & Gardner, R. C. (1988). Ethnic stereotypes: Their role in parent-child communication. Studies in Philippine Linguistics, 7, 165-194.
- 1989 Gardner, R. C., Moorcroft, R., & Metford, J. (1989). Second language learning in an immersion programme: Factors influencing acquisition and retention. Journal of Language and Social Psychology, 8, 287-305.
- Lalonde, R. N., & Gardner, R. C. (1989). An intergroup perspective on stereotype organization and processing. British Journal of Social Psychology, 28, 289-303.
- MacIntyre, P. D., & Gardner, R. C. (1989). Anxiety and second language learning: Toward a theoretical clarification. Language Learning, 39, 251-275.
- MacIntyre, P. D., & Gardner, R. C. (1989). The effect of anxiety on language learning and production. Canadian Psychology, 30, 410. (45).

- 1990 Gardner, R. C. (1990). Attitudes, motivation and personality as predictors of success in foreign language learning. Chapter 5 in T. S. Parry & C. W. Stansfield (Eds.), Language aptitude reconsidered. Englewood Cliffs, N.J.: Prentice Hall Regents.
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- MacIntyre, P. D., & Gardner, R. C. (1990). Motivation for language learning: Is money reason enough? Canadian Psychology, 31, 398 (IP6a).
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- 1991 Gardner, R. C. (1991). Attitudes and motivation in second language learning. In A. G. Reynolds (Ed.), Bilingualism, multiculturalism, and second language learning. The McGill conference in honour of Wallace E. Lambert. Hillsdale, N.J.: Laurence Erlbaum Associates. (pp. 43-63)
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Paunonen, S., & Gardner, R. C. (1991). Biases resulting from the use of aggregated variables in psychology. Psychological Bulletin, 109, 520-523.

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