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VITAE

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Personal History:

Born February 1, 1940, North Vancouver, B. C., Canada
Married Joan Ann (Mitchell), May 19, 1962
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Academic History:

Undergraduate work: University of British Columbia, Vancouver, B. C.
Degree: B. Comm., 1963
Graduate work: Columbia University, New York, New York
Degrees: M.B.A. 1964, Ph.D. 1971

Current Position:

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Academic Work History:

Simon Fraser University, 1968 – 2005, continuing as Professor Emeritus

International Management Center
H-1221 Budapest, Anna u 1-3
Hungary
Visiting Scholar, 1991

Narsee Monjee Institute of Management Studies
V. I. Mehta Road, Vile Parle (West)
Bombay, India, 400-056
Visiting Scholar, 1991

Academic Work History (Continued):

Graduate School of Business
National Institute of Development Administration
Klong-Chan, Bangkok
Bangkok 10240, Thailand
Visiting Scholar, 1990

Monash University
Department of Administrative Studies
Monash University
Clayton, Victoria, Australia
Visiting Professor, 1980-1981, 1990

Administrative Staff College
Greenlands, Henley-on-Thames
Oxfordshire, United Kingdom
Visiting Fellow, 1976-1977

University of Libya
Faculty of Economics and Business Administration
Benghazi, Libya
Senior Lecturer, September 1965 - July 1968

Publications:

Wedley, William C and Choo, Eng Ung "Multi-Criteria Ratios: What is the Unit?" *Journal of Multi-Criteria Decision Analysis* (forthcoming)

Wijnmalen, Diederik J. D. and Wedley, William C, "Non-Discriminating Criteria in the AHP: Removal And Rank Reversal?" *Journal of Multi-Criteria Decision Analysis*. (forthcoming)

Wijnmalen, Diederik J. D. and Wedley, William C. "Correcting Illegitimate Rank Reversals: Proper Adjustments of Criteria Weights Prevent Alleged AHP Intransitivity." *Journal of Multi-Criteria Decision Analysis* (forthcoming)

Wedley, W. C. and Choo, E. U. "Sharing the pie and distributing the reward; a case of bonus distribution among executives", *Journal of Multi-Criteria Decision Analysis* (forthcoming)

Choo, E. U. and Wedley, W. C. "Comparing Fundamentals of Additive and Multiplicative Aggregation in Ratio Scale MCDM," *The Open Operational Research Journal*, 2, 2008 1-7.

Bajwa, G., Choo, E. U. and Wedley, W. C. "Effectiveness Analysis of Deriving Priority Vectors from Reciprocal Pairwise Comparison Matrices", *Asia-Pacific Journal of Operational Research*, 25, 3, 2008, 279-299.

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- William C. Wedley, Eng Ung Choo, and Bertram Schoner, "Magnitude Adjustment for AHP Benefit/Cost Ratios", *European Journal of Operational Research*, 133/2, 2001, 342-351.
- Wyckham, R. G., Wedley, W. C. and Culver, C. E. W., "The Needs of Small Business Owners: Perceptions of Entrepreneurs and Service Providers," *Small Business and Entrepreneurship* 16, 1, 2001, 21-39
- Choo, Eng Ung, Schoner, Bertram, and Wedley, William C.; "Interpretation of Criteria Weights in Multicriteria Decision Making, " *Computers and Industrial Engineering Journal*", 37, 1999, 527-541.
- Schoner, B., E. U. Choo and W. C. Wedley. Comment on "Rethinking value elicitation for personal consequential decisions" by G. Wright and P. Goodwin. *Journal of Multi-Criteria Decision Analysis*, vol. 8, issue 1, 1999, 24-26.
- Robert G. Wyckham and William Wedley, "Incidence of Entrepreneurship in the General Population" *Journal of Small Business and Entrepreneurship*, Vol.15, No. 2, Fall, 1998, pp. 2-26.
- Schoner, Bertram, Choo, Eng Ung and William C. Wedley; "Comment on Salo and Hamalainen's Paper," " *Journal of Multi-Criteria Decision Analysis*, Vol. 6, 1997, pp. 322-324
- Hadley, Cynthia F., Bertram Schoner and William C. Wedley; "A Field Experiment Comparing Anchored and Unanchored Criteria Weights in the Analytic Hierarchy Process," *Journal of Multi-Criteria Decision Analysis*, Vol. 6, 1997, pp. 140-149.
- Schoner, Bertram, Choo, Eng Ung and William C. Wedley; "A Comment on 'Rank Disagreement: A Comparison of Multi-Criteria Methodologies,' " *Journal of Multi-Criteria Decision Analysis*, Vol. 6, 1997, pp. 197-200.
- Wedley, William C.; Schoner, Bertram, and Choo, Eng Ung "Clusters, Criteria and Calibration -- a Reply to Hauser and Peniwati" *Journal of Multi-Criteria Decision Analysis*, Vol 5, 1996, pp. 267-270.
- Wedley, William C. (ed.), *Proceedings of the Fourth International Symposium on the Analytic Hierarchy Process*, Simon Fraser University, 1996, 611 pp.
- Schoner, Bertram, Wedley, William C. and Choo, Eng Ung, "A Unified Approach to AHP With Linking Pins" *European Journal of Operational Research* Vol. 64, 1993, pp. 384-392.
- Lam, K. F., Choo, E. U. and Wedley, W. C. "Linear Goal Programming in Estimation of Classification Probability, *European Journal of Operational Research*, Vol. 67, 1993, pp. 101-110.
- Wedley, William C., Schoner, Bertram and Tsang, Tim S. "Starting Rules for Incomplete Comparisons in the Analytic Hierarchy Process" *Mathematical and Computer Modelling*, Vol. 17, No. 4/5, 1993, pp. 93-100.
- Wedley, William C. "Consistency Prediction for Incomplete AHP Matrices" *Mathematical and Computer Modelling*, Vol. 17, No. 4/5, 1993, pp. 151-161.

Publications (continued):

- Wedley, William C. and Wyckham, Robert G. "Ventures Launched After Entrepreneurial Education: Employment and Income Effects" *Journal of Small Business Strategy*, Vol. 4, No. 1, 1993, pp. 23-40.
- Wedley, William C.; Schoner, Bertram, and Choo, Eng Ung "Clustering, Dependence and Ratio Scales in AHP: Rank Reversals and Incorrect Priorities with a Single Criterion" *Journal of Multi-Criteria Decision Analysis*, Vol. 2, 1993, pp. 145-158.
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- Wang Yinglou and Wedley, William C. (eds.) *Proceedings of the Canada China International Management Conference*, Xian Jiaotong University, Xian, China, August 1990.
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- Wyckham, Robert W and Wedley, William C, "Atlas Building Maintenance Ltd." Walter S. Good (ed.) *Cases in New Venture Development*, Toronto: McGraw Hill, 1989, pp. 134-138.
- Schoner, Bertram and Wedley, William C. "Ambiguous Criteria Weights in AHP -- Consequences and Solutions," *Decision Sciences*, Vol. 20, No. 3, 1989, pp. 462-475.
- Wyckham, Robert W and Wedley, William C. (eds.), *Educating the Entrepreneurs*, Faculty of Business Administration, Simon Fraser University, July, 1989.
- Saaty, Thomas L. and Wedley, William C. Free Trade Discussions Between Canada and the United States, *Canadian Journal of Administrative Sciences*, Vol. 5, No. 2, 1988, pp. 67-76.
- Tjosvold, Dean, Wedley, William C., and Field, Richard H. G. "Constructive Controversy, The Vroom-Yetton Model, and Management Decision Making," *Journal of Occupational Behaviour*, Vol. 7, 1986, pp. 125-138.
- Choo, Eng Ung and Wedley, William C., "Optimal Criterion Weights in Multicriteria Decision Making," Haimes, Y. Y. and Chankong, V. (eds.), *Multiple Criteria Decision Making -- VIth International Conference*, Berlin: Springer-Verlag, 1985, pp. 345-357.

Publications (continued):

- Wedley, William C. and Vergin, Roger C. *CAD/CAM Technology in Canadian Manufacturing: A Study of Constraints, Incentives and Impacts*, Ottawa: Department of Regional Industrial Expansion, 1985.
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- Wedley, William and Wyckham, Robert, "Monitoring Corporate Financial Health," *Journal of Small Business Canada*, Vol. 2, No. 1, Summer 1984, pp. 13-19. Reprinted in Raymond W. Y. Kao and Russell M. Knight, *Entrepreneurship and New Venture Management, Readings and Cases*, Toronto: Prentice-Hall, 1987, pp. 149-155.
- Wedley, William C. and Field, Richard H. G., "A Predecision Support System," *Academy of Management Review*, Vol. 9, No. 4, 1984, pp. 896-703.
- Wedley, William C. Making Delphi Decisions: A New Participative Approach. (School of Management Occasional Paper). Victoria: Deakin University, 1980
- Cawsey, Thomas F. and Wedley, William C., "Labour Turnover Costs: Measurement and Control," *Personnel Journal*, Vol. 58, No. 2, February, 1979, pp. 90-96. (One of top ten requested articles in 1979 from this journal). Reprinted in E. Turban's *Cost Containment in Hospitals*, London, England: Aspen Publishing, 1980.
- Wedley, William C., Jung, Roger H. and Merchant, George S. "Problem Solving the Delphi Way," *Journal of General Management*, Vol. 5, No. 1, Autumn, 1979, pp. 23-36.
- Wedley, William C. "Diagnosing Job Ailments," *Job Design Procedures*, Monograph by the Work Research Group, The Administrative Staff College, Henley-on-Thames, 1978.
- Wedley, William C. and Ferrie, Adam E. J., "Perceptual Differences and Effects of Managerial Participation on Project Implementation," *Operational Research Quarterly, Journal of the Operational Research Society*, Vol. 29, No. 3, 1978, pp. 199-204.
- Wedley, William C., "New Uses of Delphi in Strategy Formulation," *Long Range Planning*, Vol. 10, December, 1977, pp. 70-78.
- Wedley, William C., *Community and Corporate Development in the Pemberton Valley*, Pemberton Valley Labour Force Development Committee, 1975.
- Wedley, William C., "Libya -- Super-Rich, Labor-Poor," *The Columbia Journal of World Business*, Summer, 1974, pp. 64-74.
- Wedley, William C., "Manpower Policies for Development Planning in Libya: with Special Reference to Agriculture, Petroleum, and Education," Unpublished Ph.D. dissertation, Columbia University, 1971, pp. 503.
- Wedley, William C. and Oreibi, Misbah., "Introduction," *Series of Lectures on Aspects of the Petroleum Industry*. Faculty of Commerce and Economics, The Libyan University, Benghazi: al Hakika Press, 1969, pp. 3-7.
- Wedley, William C., "Progress and Problems in the Economic Development of Libya," *The Libyan Economic and Business Review*, Vol. IV, No. 1, Spring, 1968, p. 15-33.

Publications (continued):

Wedley, William C., "Unemployment and Underemployment in Libya," *The Libyan Economic and Business Review*, Vol. II, No. 2, Autumn, 1966, pp. 57-83.

Software Publications:

Wedley, William C. *AHP Tree* (A program for judgmental multicriteria problems based upon the Analytic Hierarchy Process). Note: an earlier version of this program was called *Fuzzy Choice*.

Wedley, William C. *Personnel Choice* (A version of Fuzzy Choice designed specifically for the multicriteria choice of personnel from a short-list of candidates).

Wedley, William C. and Field, Richard H. G. *Predecision* (An expert system for prior selection of an appropriate decision style, method and membership).

Published Conference Papers (Competitive Review Process):

Choo Eng U. and Wedley, William C. "Test of Generating Methods for Ratio Priorities", CD Proceedings of the Annual Conference of the Administrative Sciences Association of Canada, Management Science Division, Niagara Falls, Ontario, June 6-9, 2009, Volume 30, 2009, pp. 1-17.

Wedley, William C. and Choo, Eng Ung "An Analysis of AHP Comparisons and Priorities", CD Proceedings of the Annual Conference of the Administrative Sciences Association of Canada, Management Science Division, Halifax, Nova Scotia, May 24-27, 2008, Volume 29, No. 2, 2008, pp. 16-28

Wedley, William C. "From No Thing to Some Things – Deriving Ratio Preferences" 19th International Conference on Multiple Criteria Decision Making, January 7-12, 2008, The University of Auckland, Auckland, New Zealand.

Choo, Eng U. and Wedley, William C. "On Relative Ratios of Measurements with Unspecified Units", 19th International Conference on Multiple Criteria Decision Making, January 7-12, 2008, The University of Auckland, Auckland, New Zealand.

Wedley, William C. "AHP/ANP -- Where is Natural Zero?" Proceedings of the Ninth International Symposium on the Analytic Hierarchy Process, Viña Del Mar, Chile, August 3-6, 2007, www.isahp.org

Bajwa, G., Choo, E.U. and Wedley, W.C. "Effectiveness Analysis of Deriving Priority Vectors from Reciprocal Pairwise Comparison Matrices", Proceedings of the Ninth International Symposium on the Analytic Hierarchy Process, Viña Del Mar, Chile, August 3-6, 2007, www.isahp.org.

Wedley, William C. "Chaining Multicriteria Ratios" CD Proceedings of the Annual Conference of the Administrative Sciences Association of Canada, Management Science Division, Banff, Alberta, June 3-6, 2006, Vol. 27, No. 2, 2006, pp 55-68.

Wijnmalen, Diederik J.D and Wedley, William C. "Non-Discriminating Criteria In The AHP: Removal And Rank Reversal" Proceedings of the 17th International Conference on Multiple Criteria Decision Making, Whistler, British Columbia, Canada, August 6- 11, 2004 CD-ROM and Internet publication <http://www.bus.sfu.ca/events/mcdm/Proceedings/MCDM2004%20SUM.htm>

Published Conference Papers (Competitive Review Process) Continued:

- Wedley, William C. and Wijnmalen, Diederik J.D., "Explaining And Rectifying AHP Reversals," CD Proceedings of the Annual Conference of the Administrative Sciences Association of Canada, Management Science Division, Quebec City, Quebec, June 5-8, 2004, pp. 1-11.
- Wedley, W. C. and Choo, E. U. "Muddled Magnitudes" Proceedings of the Seventh International Symposium on the Analytic Hierarchy Process, Bali, Indonesia, August 7-9, 2003, pp. 511-519.
- Wedley, William C., Choo, Eng Ung and Wijnmalen, Diederik. "Benefit/Cost Priorities -- Achieving Commensurability" Proceedings of the Annual Conference of the Administrative Sciences Association of Canada, Management Science Division, Halifax, Nova Scotia, Vol. 24, No. 2, 2003, pp. 85-94.
- Wedley, William C. "AHP Answers to Problems with Known Composite Answers," Proceedings of the Sixth International Symposium on the Analytic Hierarchy Process, Berne, Switzerland, 2001, 551-560.
- Wedley, William C and Choo, Eng Ung. "A Unit Interpretation of Multi-Criteria Ratios," Proceedings of the Sixth International Symposium on the Analytic Hierarchy Process, Berne, Switzerland, 2001, 561-569
- William C. Wedley "Successful vs. Unsuccessful Projects: An Analysis of Factors" T. A Boyle (ed.), Proceedings of the Annual Conference of the Administrative Sciences Association of Canada, Production and Operations Management Division, London, Ontario, Vol 22, No. 7, 2001, pp. 25-34.
- Wedley, William C. "Lions Gate Bridge," H. MacKenzie and J. Varner (eds.) 2001 ASAC Case Track. Peer-reviewed Cases in the ASAC Track and the Laurier Institute/John Wiley & Sons Case Competitions, University of Western Ontario, May, 2001, pp. 185-195
- Wedley, William C., Sharma, Sameer, Klinga, Suzanne and Scott, William J. "Measuring and Monitoring Job Readiness," Proceedings of the Fifth International Symposium on the Analytic Hierarchy Process, Kobe, Japan, 1999, pp.98-103.
- Wedley, William C., "Broadening the AHP hierarchy with expanded matrices," Uma Kumar and Kazimierz Zaras (eds.) Proceedings of the Annual Conference of the Administrative Sciences Association of Canada, Management Science Division, Vol. 18, No.2, 1997, pp. 56-78.
- Wedley, William C. "Wedley vs. Assessor of Area 08" Tupper F. Cawsey and Rosemary Pell (eds.) ASAC Case Track, Wilfrid Laurier University, Waterloo, 1996 (Received Best Case Award, General Competition, Laurier Institute/John Wiley & Sons Case Competition at the 1996 Annual Conference of the Administrative Sciences Association of Canada)
- Wedley, William C., Choo, Eng Ung and Schoner, Bertram "Benchmark Measurement: Between Relative and Absolute", Proceedings of the Fourth International Symposium on the Analytic Hierarchy Process, Burnaby, B. C. Canada, 1996, pp. 335-345.
- Wedley, William C., Schoner, Bertram and Choo, Eng Ung, "Independence in the Analytic Hierarchy Process: Possible or Not?" *Proceedings of the Annual Conference of the Administrative Sciences Association of Canada, Management Science Division*, June 26, 1994, pp. 29-38

Published Conference Papers (Competitive Review Process) Continued:

- Wedley, William C., Schoner, Bertram and Choo, Eng Ung, "Bringing Democracy to the AHP Hierarchy," *Proceedings of the Annual Conference of the Administrative Sciences Association of Canada, Management Science Division*, May 31, 1993, pp. 185-194
- Wedley, William C. and Wyckham, Robert G., "Ventures Launched by Participants of an Entrepreneurial Education Program" *Proceedings of the ICSB 36th Annual World Conference*, Vienna, Vol. 1, June 24, 1991, pp. 4-61.
- Wedley, William C., "Relative Measurement of the Consistency Ratio," *Proceedings of the 2nd International Symposium on the Analytic Hierarchy Process*, University of Pittsburgh, Pittsburgh, Pennsylvania, 1991, pp. 185-196.
- Wedley, William C., "Consistency Tests for Incomplete AHP Matrices -- A Comparison of Two Methods," *Proceedings of the Annual Conference of the Administrative Sciences Association of Canada, Management Science Division*, June 2, 1989, pp. 50-59 (Received Honourable Mention Award).
- Choo, E. U., Wedley, William C. and Lam, K. F. "Linear Goal Programming in Estimation of Classification Probability," Paper Presented at the VIIIth International Conference on Multiple Criteria Decision Making (MCDM), Manchester, U. K. 1988, published in *Springer Lecture Notes in Economics and Mathematical Systems*, August, 1989, 166-178.
- Schoner, Bertram and Wedley, William C. "Alternative Scales in AHP," Paper Presented at the VIIIth International Conference on Multiple Criteria Decision Making (MCDM), Manchester, U. K. 1988, published in A. G. Lockett and G. Isle (eds.) *Springer Lecture Notes in Economics and Mathematical Systems*, August, Springer Verlag, Berlin, 1989, 345-354.
- Wedley, William C. "Facility Location with the Analytic Hierarchy Process," *Proceedings of the Annual Conference of the Administrative Sciences Association of Canada, Production-Operations Management*, 1988, 81-90.
- Field, Richard H. G., Wedley, William C. and Hayward, Mark W. J. "Criteria Used in Decision Making," *Proceedings of the Annual Conference of the Administrative Sciences Association of Canada, Organizational Behaviour Division*, June 1-3, 1986, 58-67.
- Wedley, William C. and Vergin, Roger C. "Manufacturers Perceptions of CAD/CAM Constraints," *Proceedings of the Annual Conference of the Administrative Sciences Association of Canada, Production/Operations Management Division*, May 28, 1985, pp. 37-46 (Received Best Paper Award).
- Wedley, William C. and Field, Richard H. G., "The Predecision Model -- First Tests," *Proceedings of the Twenty-First Annual Meeting, Eastern Academy of Management*, Montreal, Quebec, May 11, 1984, pp. 132-135.
- Wedley, William C. "Priority Scaling of Hierarchical Problems," *Proceedings of the Annual Conference of the Administrative Sciences Association of Canada, Management Science Division*, May 29, 1984.
- Choo, Eng Ung and Wedley, William C., "Optimal Criterion Weights in Multicriteria Decision Making," Paper presented to the VIth International Conference on Multiple-Criteria Decision Making (MCDM), Cleveland, Case Western Reserve, June 7, 1984.
- Wedley, William C. "Computer Aided Decisions -- Examples from PREDECISION and FUZZY," Paper presented to the Western Academy of Management, Vancouver, B. C., April 14, 1984.

Published Conference Papers (Competitive Review Process) Continued:

- Wedley, William C. and Field, Richard H. G. "The Vroom-Yetton Model: Are Feasible Set Choices Due to Chance?" *Academy of Management Proceedings '82*, 42nd Annual Meeting, New York, August 15-18, 1982, pp. 146-150.
- Wedley, William C., "Robustness with Small Samples -- Labour Turnover Rates in British Columbia Mines," *Proceedings of the Administrative Sciences Association of Canada, OB Division*, Dalhousie University, Halifax, Nova Scotia, May 23, 1981.
- Wedley, William C. and Greenfield, Stanley E., "The Effectiveness of Canadian vs. U.S. Market Forecasts," *Proceedings -- Fourth Annual Conference of the Canadian Association of Administrative Sciences*, Quebec City, Quebec, Universite Laval, 1976, pp. 5-364 - 5-375.
- Wedley, William C., "Behavioural Implications of Delphi Strategy Formulation," Workshop on Analytical Approaches to Strategy, Co-sponsored by INSEAD, European Institute of Business Administration and the European Institute for Advanced Studies in Management, INSEAD, Fontainebleau, France, Dec. 6-8, 1976.
- Wedley, William C., "Delphi Decision Analysis -- Two Tests," *Proceedings -- Fourth Annual Conference of the Canadian Association of Administrative Sciences*, Quebec City, Universite Laval, 1976, pp. 4-480 - 4-489.
- Wedley, William C. and Ferrie, Adam E.J., "Some Effects of Managerial Participation on Implementation of MS/OR Projects," *Proceedings -- Third Annual Conference of the Canadian Association of Administrative Sciences*, Edmonton, Alberta, University of Edmonton, 1975.
- Wedley, William C., "The Delphi Technique for Job Enrichment," *Proceedings -- First Annual Conference of the Canadian Association of Administrative Sciences*, Kingston, Ontario, Queen's University, 1973, pp. 5-271 - 5-305.

Other Papers, Publications, Reviews and Presentations:

- Wedley, William C and Choo, Eng U. "Tests of Column Averaging for MCDM ratios", 18th Triennial Conference of the International Federation of Operational Research Societies, Sandton, South Africa, July 13-18, 2008.
- Choo, Eng U. and Wedley, William C. "Separate Criteria Weights from Outlier Cases in MCDM" INFORMS, Puerto Rico, July 8-11, 2007.
- Wedley, William C. "Multiple Criteria Preferences from Chains of Comparisons – a Direct Extraction Method" Presentation at the 21st European Conference on Operational Research, Reykjavik, Iceland, July 4, 2006.
- Choo, Eng U. and Wedley, William C. "Multicriteria Output Evaluations in Excel Spreadsheets" Presentation at the 18th International Conference on Multiple Criteria Decision Making, Chania, Greece, June 22, 2006.
- Wedley, William C. "Accuracy Tests with Incomplete Paired Comparisons" Presentation at the 18th International Conference on Multiple Criteria Decision Making, Chania, Greece, June 21, 2006.

- Wedley, William C. "AHP/ANP Measurement -- Is it Dimensionless?" Presentation to 17th Triennial Conference of the International Federation of Operational Research Societies, Honolulu, Hawaii, July, 11, 2005.
- Wedley, William C. "Chained Matrices and ANP Solutions: A Comparison", Plenary Speaker Presentation, 8th International Symposium on the Analytic Hierarchy Process, University of Hawaii, Honolulu, Hawaii, July 9, 2005.
- Choo, Eng Ung and Wedley, William C. "Effectiveness Analysis of Deriving Priority Vectors from Pairwise Judgment Matrices" 47th International Conference of the Canadian Operational Research Society, Halifax, Nova Scotia, Canada, May 16-18, 2005.
- Wedley, William C. "Chaining Ratio Measurements", Presentation at the 17th International Conference on Multiple Criteria Decision Making, Whistler, British Columbia, Canada, August 6- 11, 2004
- Wedley, William C. and Eng Ung Choo "Sharing the Pie and Distributing the Reward" Presentation at the 17th International Conference on Multiple Criteria Decision Making, Whistler, British Columbia, Canada, August 6- 11, 2004
- Wedley, William C. "Preference Elicitation from Ratio Comparisons in Spanning Trees and Chained Matrices" Presentation at the Informs/Applied Probability Society Conference, Beijing, China, June 23-25, 2004.
- Wijnmalen, Diederik J.D. and W.C. Wedley "Recently alleged AHP rank reversal unriddled" Paper Presented at the EURO/INFORMS Istanbul conference, July, 2003.
- Bajwa, G. E.U. Choo and W.C. Wedley "Effectiveness Analysis of Deriving Priority Vectors from Pairwise Judgment Matrices" Paper Presented at the INFORMS San Jose conference, November, 2002
- Choo, Eng Ung and William C. Wedley "Comparing additive and multiplicative aggregation rules in MCDM", 56th Meeting of the European Working Group in Multiple Criteria Decision Aiding, Coimbra, Portugal, October 3, 2002.
- Wedley, William C. "GST – Value or Not?" Communication Update, Canadian Property Tax Association, November-December, 2001, pp. 4-5.
- Wedley, William C. "GST – Is it Part of Assessed Value?" Communication Update, Canadian Property Tax Association, September-October, 2000, p. 3-4.
- Wedley, William C. "No More G.S.T. in Assessed Value – a National Issue" Communication Update, Canadian Property Tax Association, May- June, 2000, p. 4.
- Sanders, Daren S., Spitzer, Paul A. and Wedley, William C. "AHP Benefit/Cost Analysis at B. C. Hydro, Paper presented at the International Federation of Operational Research Societies, Beijing, China, August 17, 1999.
- Millet, Ido and Wedley, William C. "Modelling Risk and Uncertainty with the Analytic Hierarchy Process," Paper presented at the 5th International Conference of the Decision Sciences Institute, Athens Greece, July 4, 1999
- Wedley, William C., Moderator and Panelist, "AHP: Comparing the Additive and Multiplicative Approaches," The 5th International Conference of the Decision Sciences Institute, Athens Greece, July 6, 1999.

Other Papers, Publications, Reviews and Presentations: (Continued)

- Wedley, William C., Track Co-chair, Multi-criteria Decision Analysis, Aid and Practice, 5th International Conference of the Decision Sciences Institute, Athens Greece, July 4-7, 1999.
- Wedley, William C. and Zhang, George, "World Cup Soccer: Case A and B", Case study presented at the Annual Conference of the Administrative Sciences Association of Canada, June 12, 1999.
- Choo, Eng Ung, Wedley, William C., and Schoner, Bertram, "Necessary Conditions Implied by Ratio Comparisons and Additive Aggregation, Institute for Operations Research and Management Sciences (INFORMS) Conference, Seattle, October 26, 1998.
- Wedley, William C., Choo, Eng Ung and Schoner, Bertram, "Benefits, Costs and Ratios with the Analytic Hierarchy Process, Third International Conference on Multi-Objective Programming and Goal Programming, Université Laval, Quebec City, Quebec, June 3, 1998.
- Wedley William C. Plenary Speaker (with Jonathan Barzilai), "Problems with AHP Priorities", Third International Conference on Multi-Objective Programming and Goal Programming, Université Laval, Quebec City, Quebec, June 3, 1998.
- Schoner, Bertram, Choo, Eng Ung and Wedley, William C. "A Comparison of Linking Pin AHP and Multiplicative AHP," Paper presented at the INFORMS San Diego Spring 1997 meeting, May 4, 1997
- Wedley, William C., Choo, Eng Ung and Schoner, Bertram, "Benchmark normalization for additive AHP aggregation," Paper presented at Euro XV/INFORMS XXXIV, Barcelona, Spain, July, 14, 1997.
- Choo, Eng Ung, Schoner, Bertram, and Wedley, William C., "Interpretation of Criteria Weights in Multicriteria Decision Making, Paper presented at Euro XV/INFORMS XXXIV, Barcelona, Spain, July, 16, 1997.
- Wedley, William C. "Benchmark Measurement and other Perspectives on AHP", Workshop presentation, Systems Analysis Laboratory, Helsinki University of Technology. September 1, 1997
- Wedley, William C., Eng Ung Choo, and Bertram Schoner, "Understanding Benchmark Measurement," Paper presented at the International Federation of Operations Research and Management Science, Singapore, June 27, 1995.
- Wedley, William C. "Wedley vs. the Assessor of Area 08", (A Case regarding market valuation and the inclusion of G.S.T. in assessed values), 1995
- Wedley, William C., Schoner, Bertram and Choo, Eng Ung, "Five Modes of Relative Measurement, " Paper presented at the Third International Symposium on the Analytic Hierarchy Process, George Washington University, Washington, D. C., July 11, 1994.
- Schoner, Bertram, Choo, Eng Ung and Wedley, William C. "AHP and MAUT -- a Reconciliation" Paper presented at EuroXIII/OR36, Glasgow, U. K., July, 1994.
- Wedley, William C. "Developments in the Analytic Hierarchy Process," Presentation to the Vancouver Chapter, Canadian Operations Research Society, February 9, 1993.
- Wedley, William C., Review of: Flexible Future? Prospects for Employment and Organization, by Paul Blyton and Jonathan Morris (Eds.) Berlin: Walter de Gruyter, 1991, 364 pp. in *Canadian Journal of Administrative Sciences*, 10, 3, 1993, 289-292.

Other Papers, Publications, Reviews and Presentations: (Continued)

- Schoner, Bertram, Choo, Eng Ung and Wedley, William C., "A Revisionist View of the Analytic Hierarchy Process," Tenth International Conference of Multiple Criteria Decision Making, Taipei, July 19-24, 1992
- Choo, Eng Ung, Schoner, Bertram, and Wedley, William C. "Fundamental Structure Underlying AHP", Tenth International Conference of Multiple Criteria Decision Making, Taipei, July 19-24, 1992
- Wedley, William C. and Schoner, Bertram, "Experiments in AHP Comparisons," ORSA/TIMS Joint National Meeting, San Francisco, November 2, 1992
- Schoner, Bertram, Choo, Eng Ung and Wedley, William C. "Fundamental Mathematics Underlying AHP, ORSA/TIMS Joint National Meeting, San Francisco, November 2, 1992
- Wedley, William C. (ed.) "It's All About Caring: A Study of Employment and Education in the British Columbia Home Support/Homemaker Industry," Report of the British Columbia Home Support/Homemaker Joint Adjustment Committee, January, 1990.
- Wedley, William C., "Combining Qualitative and Quantitative Factors -- an Analytic Hierarchy Process," Paper Presented to the CORS/TIMS/ORSA Joint International Meeting, May 8, 1989.
- Lam, Kim Fung, Choo, Eng Ung, and Wedley, William C. "Linear Goal Programming in Estimation of Classification Probability," Paper Presented to the CORS/TIMS/ORSA Joint International Meeting, May 10, 1989
- Wedley, William C. (ed.) "So You Want to be in Pictures?: a Study of Employment & Education in the British Columbia Motion Picture Industry," Report of the British Columbia Motion Picture Industry Joint Adjustment Committee. August, 1989.
- Wedley, William C., "Rule Based Expertise for the Analytic Hierarchy Process," Paper presented to the International Symposium on the Analytic Hierarchy Process, Tianjin, China, 1988.
- Wedley, William C. "Consistency Prediction with Incomplete AHP Matrices," Paper presented to the International Symposium on the Analytic Hierarchy Process, Tianjin, China, 1988.
- Wedley, William C., "Expert System Rules for the Analytic Hierarchy Process," Paper Presented at the Annual 1988 Conference of the Canadian Operational Research Society, 1988.
- Wedley, William C., "Fuzzy Decision Systems" Presentation to the 32nd Annual World Conference, International Council for Small Business, June 11, 1987.
- Wedley, William C., and Field, Richard H. G. "Experiences with a Vroom-Yetton Expert System," Symposium Presentation, Western Academy of Management Meetings, March 21, 1986 and Administrative Sciences Association of Canada, June 2, 1986.
- Wedley, William C., "Operations Management -- a Function Refound" Presentation to the B. C. Articulation Committee, Simon Fraser University, May 4, 1984.
- Wedley, William C., "Delphi Decision Processes" and "After Vroom/Yetton," Research Seminar and Invited Paper, Management Studies Centre, Macquarie University, North Ryde, New South Wales, Australia, March 3, 1981.

Wedley, William C., "Procedures for Participative Decisions," Research paper presented at Monash University, Clayton, Victoria, Australia, March 25, 1981.

Other Papers, Publications, Reviews and Presentations: (Continued)

Wedley, William C., "Delphi Decisions for Strategic Decisions," Seminar paper presented to the Department of Management Studies, University of Auckland, New Zealand, April 1, 1981.

Wedley, William C., "Using Delphi Decisions," Paper presented at Victoria University, Wellington, New Zealand, April, 13, 1981.

Wedley, William C., Review of U. S. Ownership of Firms in Canada: Issues and Policy Approaches, by Steven Globerman, C.D. Howe Research Institute (Canada) and National Planning Association (U.S.A.), 1979, pp. vii, 96, in Canadian Public Policy, Vol. VI, 2, Spring, 1980.

Wedley, W. C., "Delphi Decision Methods," Paper presented at Deakin University, Geelong, Victoria, Australia, August 13, 1980.

Wedley, W. C., "The Delphi Technique and Its Uses in Decision Making," Research paper presented at the Australian Graduate School of Management, Kensington, New South Wales, Australia, October 31, 1980.

Wedley, William C., "Interventions to Combat Withdrawal -- a Conceptual Model," Working Paper 151, School of Business Administration, University of Western Ontario, 1976.

Research Submitted, at or Near Draft Form:

E. U Choo and W. C. Wedley "Estimating Ratio Scale Values with Unspecified Units of Measure"

Wedley, William C. "From No Thing to Some Thing – the Role of Natural Zero in AHP scales".

Wedley, William C. "Fewer Comparisons – Efficiency via Sufficient Redundancy" submitted to ISAHp 2009.

Fellowships, Awards, Grants and Other Distinctions:

Seagram Business Faculty Scholarship, "Manpower Studies for Development Planning in Libya," 1970.

Simon Fraser University, President's Research Grant, "Manpower Strategies for Libya," 1971.

Fellow, Associates Workshop, School of Business Administration, University of Western Ontario, London, Ontario, "Labour Turnover Studies," Summer 1975, Summer 1976.

Department of Regional Industrial Expansion, (with R. Vergin) "Constraints to CAD/CAM Technology", 1983, \$25,000.

NSERC grants (with R.H.G. Field and D. Tjosvold) "Computer Assisted Managerial Decision Support Systems," 1982-1985, \$52,080.

SSHRC grant (with D. Tjosvold), "Computer Assisted Managerial Decision Making," 1985-1987, \$46,120.

B. C. Scholars to China Grant, 1988, \$2,000

Canada Trust Distinguished Teaching Award – 2000

Fellowships, Awards, Grants and Other Distinctions (continued):

NSERC grant (with Bertram Schoner) "Studies with the Analytic Hierarchy Process" 1989-1992, \$24,000

Chairman for Canada, Canada-China International Management Conference, Xian, China, August 10-14, 1990, \$128,744 budget.

NSERC grant, "Computer Assisted Decisions with the Analytic Hierarchy Process," 1992-1995, \$33,000,

Course Instructor, Association of Management Development Institutions of Southeast Asia, Workshop on Manufacturing Management, Dec. 7-18, 1992, New Delhi, India

Van Dusen Research Award, "Small Business Incidence in the General Populace", 1994, \$1,500

Executive Committee Member at Large, Canadian Consortium of Management Schools, 1993-1995.

Chairman, International Symposium on the Analytic Hierarchy Process, Simon Fraser University, Burnaby, B. C. July 13-15, 1996.

NSERC grant, "Benchmark Measurement and Expanded Matrices for the Analytic Hierarchy Process", 1996-2000, \$48,000.

Member, Editorial Board, Journal of Chinese Management Issues, 1995-1997

Chairperson, Fourth International Symposium on the Analytic Hierarchy Process, Simon Fraser University, July 12-15, 1996

Research Contract, Nokia Telecommunications Access Systems/Cellular Systems, \$27,150, for development of the "Investment Advisor" software, 1995-1996

External Reviewer, Public Defense of PhD dissertation, Matti Verkasalo, "On the Efficient Distribution of Expert Knowledge in a Business Environment", Department of Electrical Engineering, University of Oulu, Oulu, Finland, August 29, 1997

NSERC grant, "Validation of AHP ratios," 2000-2005, \$55,000

External Reviewer, Bachelor of Commerce in Production and Operations Management, College of Commerce, University of Saskatchewan

Conference Chair, 17th International Conference on Multiple Criteria Decision Making, Whistler B. C. August 6-11, 2004.

NSERC Grant, "Multi-Criteria Measurement via Comparison Networks", 2006-2010, \$54,768.

Professional Affiliations:

Administrative Sciences Association of Canada (Previously Member at Large, Vice President for Membership, Conference Chairman, President, and Past President)

Canadian Operations Research Society.

International Society on Multiple Criteria Decision Making

Recent Activities as Reviewer or Referee:

University of Saskatchewan, External Reviewer for the Bachelor of Commerce in Production and Operations Management,

Information Systems and Operational Research Journal

Social Sciences and Humanities Research Council

Natural Sciences and Engineering Research Council

Journal of Management Studies

Canadian Journal of Administrative Sciences

Mathematical and Computer Modelling

University of Lethbridge, Office of Research Administration

University of Prince Edward Island, President's Office

University of Alberta, Faculty of Administrative Studies

INFOR, Canadian Journal of Operational Research and Information Processing

Decision Sciences

Evaluator, CIDA-sponsored Management Education Programs in China, April-May, 1992.

European Journal of Operational Research

Canadian Public Policy

Decision Sciences

IEEE Transactions on Engineering Management

Administrative Sciences Association of Canada, Papers for Annual Conference.

Environmental Management

Omega

Journal of Multi-Criteria Decision Analysis

School of Business, Behrend College, Penn State, Erie.

IFORS

Journal of Environmental Management.

Research Interests:

Analytic Hierarchy Process, Project Management, Delphi for decision analysis, decision support systems, multicriteria decisions, total quality management, operations management, international operations.

Teaching Interests:

Operations management, management science, decision making and decision support systems, international business, small business.

Graduate Supervision

Senior Supervisor: 35 Executive MBA Projects
10 Day MBA Projects

Second Reader: 29 Executive MBA Projects
9 Day MBA Projects
2 Ph D. Theses

External Examiner: 2 M. A Ec. Projects
2 PhD Thesis

PhD Committee: Deb Kumar Nag Chowdury, "An Exploratory Study of Manager-Developed Decision Support Systems, 1983

Faculty Service:

Undergraduate Committee, 1968-1974

Student/Faculty Relations Committee, 1969-70, 1972-1973

Executive Committee, 1978-1979, 1981-1983

Chairman, Undergraduate Program, 1970-71

Associate Dean, 1988-1990.

Director, Enterprise Centre, 1988-1990

Appointments Committee, 1970-72, 1974-1975, 1978-1983, 1987-1990, 1991-1992, 1999-2000

Promotion and Tenure Committee, 1972-73, 2002-03

Workshop Committee, 1975-1976, 1977-1978

Associate Chairman, 1978-1979.

Policies and Priorities, 1978-1979

Five Year Plan Committee, 1979-1980.

MBA Director, 1981-1983

Day MBA Committee 1998-1999

Nominations Committee, 1969-1970, 1981-1982, 1986-1987, 1995-1996, 1999-2000

Graduates Studies Committee, 1968-1969, 1974-1975, 1981-1983, 1986-1987

MS/MIS Area Coordinator, 1986-1987, 1992-1993

Dean's Advisory Committee, 1986-1990, 1992-1993, 1996-1998

EMBA Program Review Committee, 1991-1992, 1995-1996

International Liaison Coordinator, 1993-1996

Undergraduate Task Force Committee, 1996

Management Science Coordinator, 1996-2000

Director of Research, 1996-1997

Research Committee, 1997-1998

Planning and Priorities Committee, 1997-2000

Visioning Core Committee, 1997-1998

Technical MBA Committee, 1997-1999

GDBA Steering Committee, 2001-2002, 2003-2005

Student Business Consulting Group Advisor, 2001-2002

Chair, Surrey Business Program Design Committee, 2002 - 2004

Chair, Surrey Ad Hoc Committee, 2004-2005.

Coordinator Surrey Business Program, 2003-2005.

University Service:

Faculty Association, Salaries Committee, 1969

Liaison Committee, Continuing Studies, 1981-1983, 1986-1988.

Senate Graduate Studies Committee, 1982-1983

Coordinator, New Enterprise Program, 1984-1988

Search Committee, Dean of Business Administration, 1982, 1985

Search Committee, Vice-President Academic, 1984

Faculty Advisor, Student Business Consulting Group, 1985, 1988-90.

Faculty Advisor, Student Enterprise Club, 1985

Senate Graduate Awards Adjudication Committee, 1991-1992

International Initiatives Coordinating Committee, 1994-1997

Faculty Research Liaison Officers Committee, 1996-1997

President's Research Grants Committee, 1996-1997

University Publications Fund Committee, 1996-1998

SFU SSHRC General Grants Committee, 1997

Chair, University Appointments Committee, 2003-2004.

University College, 2003-2004

Tech One Coordinating Committee, 2003-2005

SCOPE Advisory Committee, 2004-2005