

CURRICULUM VITAE

NAME: Gloria Rakita Leon

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<u>SCHOOLS ATTENDED</u>	<u>DATES</u>	<u>MAJOR</u>	<u>DEGREE</u>
University of Wisconsin	September 1952- June 1956	Psychology	B. S.
University of Wisconsin	June 1956 - June 1957	Clinical Psychology	M. S.
University of Maryland	February 1965 -August 1967	Mental Health Psychology	Ph.D.

THESES

Master's Thesis - Need achievement and defensiveness as selective factors in the recall of completed and incompletd tasks

Doctoral Dissertation - The observation of mother-son interactions before and after reinforcement of the child's aggressive behavior

PRESENT POSITION

Professor Emerita of Psychology, Department of Psychology, University of Minnesota, June 2006 to present.

Affiliate Senior Member of the Graduate Faculty in the field of Psychology, June 2006 to present.

PRIOR PROFESSIONAL EXPERIENCE

Professor of Psychology, Department of Psychology, University of Minnesota, July 1983 to June 2006. Member of the Graduate School faculty in the College of Liberal Arts, July 1983 to June 2006.

Director of Clinical Psychology, Department of Psychology, University of Minnesota, July 1984 - March 1991. August 1992 - January 1995.

Professor of Child Psychology, Institute of Child Development, University of Minnesota, July 1989 to June 2006.

Associate Professor of Psychology; Member of the Graduate School faculty in the College of Liberal Arts, July 1978 - July 1983.

Associate Director of Clinical Psychology Training Program of the Department of Psychology, University of Minnesota, July 1978 - December 1982.

Assistant Professor of Psychology; Assistant Director of Clinical Psychology Training Program of the Department of Psychology, University of Minnesota. Member of Graduate School faculty in the College of Liberal Arts, September 1975 - June 1978.

Adjunct appointment in Psychiatry; Member of the Graduate School Faculty of the Medical School, University of Minnesota, September 1975 - July 1979.

Assistant Professor of Psychiatry, Division of Health Care Psychology, Department of Psychiatry, University of Minnesota School of Medicine, July 1, 1974 - June 30, 1975.

Behavioral Psychologist, Laboratory of Physiological Hygiene, School of Public Health, University of Minnesota, January 1974 - June 1974.

Staff Psychologist, Center for Behavior Modification, Minneapolis, Minnesota, August 1973 - January 1974.

Assistant Professor (part-time), Department of Psychology, Rutgers-Newark, July 1970 - July 1973.

Co-adjutant Assistant Professor, Rutgers Graduate School of Education, September 1970 - February 1972.

Assistant Professor of Psychology (part-time), Douglass College and Rutgers Graduate School, January 1968 - June 1970.

Graduate Assistant, Department of Psychology, University of Maryland, supervision of the practicum of graduate courses in intelligence and projective testing, February 1965 - January 1967.

Lecturer in Psychology, University of Maryland, Overseas Division, September 1962 - June 1964.

Staff Psychologist, Douglas A. Thom Guidance Clinic, Boston, Massachusetts, September 1959 - June 1960.

Mental Health Consultant, Massachusetts Mental Health Center, Children's Unit, Boston, Massachusetts, August 1958 - February 1959.

RECENT PAST AND CURRENT FUNDING

Personality and Interrelated Factors in Psychopathology. NIMH Clinical Research Training Grant. July 1, 1988 - June 30, 1992. \$276,344, Direct Costs. (P.I.)

Prospective Analysis of Adolescent Eating Practices. NICHD. July 1, 1990 - June 30, 1995. \$914,944, Direct Costs. (P.I.)

Thermoregulation and Heat Exchange in a Nonuniform Thermal Environment During Simulated EVA. NASA. Sept. 1, 1995 - August 31, 1997. \$600,000 Total Costs. (Co-P.I.)

Evaluation of Respirator Comfort. 3M Corporation. March 1, 1997 - December 31, 1997. \$27,28,554 Direct Costs. (Co-P.I.)

Finger comfort management during long-duration EVA (Pilot test). NASA. July 2, 1998 - October 30, 1998. \$33,973. (Co-PI)

An Innovative Physiologically Based Advanced Liquid Cooling/Warming Garment for Routine and Emergency EVA. NASA Direct Costs - \$329,997, 3/9/00 – 3/8/03. (Co-PI)

Development of a Finger Calorimeter to Indicate General Thermal State of Astronauts Onboard and During EVA. NASA Direct Costs - \$408,778, 3/21/03 – 12/20/06. (Co-PI)

Intraoperative Temperature Regulation in Children Using a Liquid-Warming Garment. Minnesota Medical Foundation - \$13,000, 6/15/04 – 6/15/07. (Co-I)

Test and evaluation of liquid cooling garments. NASA Collaborative Agreement. \$149,654 – 6/1/07 – 12/31/07. (Co-PI)

SERVICE ON ADVISORY OR PEER REVIEW COMMITTEES

NIMH-RERB	Research Education Review Panel	1984-1987
NIMH-Ad Hoc	Clinical Training Review Panel	June, 1989
NIMH-Ad Hoc	Clinical Training Review Panel	April, 1990
NIMH-Ad Hoc	Clinical Training Review Panel	August, 1991
NIMH-Ad Hoc	Clinical Training Review Panel	July, 1992
NIMH-Ad Hoc	Special Emphasis Review Panel	November, 1996
NASA	Behavior and Performance/Human Factors Review Panel	2001 -
World Association of Disaster Medicine	Board member and Chair, Psychosocial Task Force	January 2003

National Space Biomedical Research Institute	External Advisory Council	February 2004 -
International Academy of Astronautics	Study Group on Psychology and Culture in Long Duration Space Missions	March 2004 -

HONORS

NASA Certificate of Recognition for the creative development of a technical innovation
– February, 2004

CONSULTANTSHIPS

V.A. Hospital, Minneapolis, Minnesota (1975-1995)

Health Psychology Series Editor, Research Press Corp., Champaign, Illinois. (1986-1995)

MEMBERSHIP ON EDITORIAL BOARDS

International Journal of Eating Disorders	1986-2002
Journal of Consulting and Clinical Psychology	1986-1988
Editor, Health Psychology Series, Research Press, Inc., Champaign, IL	1986-1995
Psychological Assessment	1992-1998
Prehospital and Disaster Medicine	2006-

TEXTS PUBLISHED

Leon, G.R. (1974). Case histories of deviant behavior. A social learning analysis.
Boston: Holbrook Press.

Leon, G.R. (1977). Case histories of deviant behavior. An interactional perspective (2nd ed.). Boston: Allyn and Bacon Co.

Leon, G.R. (1983). Treating eating disorders: Obesity, anorexia nervosa, and bulimia.
Lexington, MA: Lewis Publishing Co.

Leon, G.R. (1984). Case histories of deviant behavior. (3rd ed.). Boston: Allyn and Bacon Co.

Leon, G.R. (1990). Case histories of psychopathology. (4th ed.). Boston: Allyn and Bacon Co.

PUBLICATIONS

- Page, H.A., Rakita, G., Kaplan, H., & Smith, N.B. (1957). Another application of the spiral after-effect in the determination of brain damage. Journal of Consulting Psychology, 21, 89-91.
- Liebowitz, H., Leon, G.R., & Bourne, L. (1969). Some observations on the stability of matched shape. Perceptual and Motor Skills, 28, 329-330.
- Leon, G.R. (1971). Case Report. The use of a structured mother-child inter-action and projective material in studying parent influence on child behavior problems. Journal of Clinical Psychology, 27, 413-416.
- Leon, G.R., & Chamberlain, K. (1973). Emotional arousal, eating patterns and body image as differential factors associated with varying success in maintaining a weight loss. Journal of Consulting and Clinical Psychology, 40, 474-480.
- Leon, G.R., & Chamberlain, K. (1973). A comparison of daily eating habits and emotional states of overweight persons successful or unsuccessful in maintaining a weight loss. Journal of Consulting and Clinical Psychology, 41, 108-115.
- Leon, G.R. (1974). A behavior modification approach to the treatment of obesity. Minnesota Medicine, 57, 977-980.
- Leon, G.R. (1974). Personality change in the specially admitted disadvantaged student after one year in college. Journal of Clinical Psychology, 30, 522-528.
- Leon, G.R. (1975). Personality, body image and eating pattern changes in overweight persons after weight loss. Journal of Clinical Psychology, 31, 618-623.
- Leon, G.R. (1975). Personality, body image and eating pattern changes in overweight persons after weight loss. In A. Howard (Ed.), Recent advances in obesity research. Proceedings of the First International Congress on Obesity, (pp. 228-231). London, England: Newman Publishing.
- Leon, G.R. (1976). Current directions in the treatment of obesity. Psychological Bulletin, 83, 557-578.
- Leon, G.R., & Roth, L. (1977). Obesity: Psychological causes, correlations, and speculations. Psychological Bulletin, 84, 117-139.
- Leon, G.R. (1977). A behavioral approach to obesity. American Journal of Clinical Nutrition, 30, 785-794.
- Leon, G.R., Roth, L., & Hewitt, M. I. (1977). Eating patterns, satiety, and self-control behavior of obese persons during weight reduction. Obesity and Bariatric Medicine, 6, 172-181.

- Leon, G.R., Bemis, K., Meland, M., & Nussbaum, D. (1978). Aspects of body image perception in obese and normal weight youngsters. Journal of Abnormal Child Psychology, 6, 361-371.
- Leon, G.R. (1979). Cognitive-behavior therapy for eating disturbances. In [8d] P. C. Kendall and S. Hollon (Eds.), Cognitive-behavioral interventions: Theory, research, practices (pp. 357-388). New York: Academic Press.
- Leon, G.R., Gillum, B., Gillum, R., & Gouze, M. (1979). Personality stability and change over a 30 year period - Middle age to old age. Journal of Consulting and Clinical Psychology, 47, 517-524.
- Leon, G.R., Eckert, E.D., Teed, D., & Buchwald, H. (1979). Changes in body image and other psychological factors after intestinal bypass surgery for massive obesity. Journal of Behavioral Medicine, 2, 39-59.
- Leon, G.R. (1979). The modification of detrimental health habits -- obesity and smoking. In A. Leon and G. Amundson (Eds.), First international conference on lifestyle and health. Minneapolis: University of Minnesota Press.
- Leon, G.R. (1979). Personality and morbid obesity: Implications for dietary management through behavior modification. Surgical clinics of North America, 5, 1007-1015.
- Leon, G.R., Kolotkin, R., & Korgeski, G. (1979). MacAndrew addiction scale and other MMPI characteristics associated with obesity, anorexia, and smoking behavior. Addictive Behaviors, 4, 401-407.
- Leon, G.R., Kendall, P.C., & Garber, J. (1980). Depression in children. Parent, teacher, and child perspectives. Journal of Abnormal Child Psychology, 8, 221-235.
- Gillum, R., Leon, G.R., Kamp, J., & Becarra-Aldema, J. (1980). The prediction of cardiovascular and other disease onset and mortality from 30 year longitudinal MMPI data. Journal of Consulting and Clinical Psychology, 48, 405-406.
- Leon, G.R., Eckert, E.D., Teed, D., Varco, R.L., & Buchwald, H. (1980). Body image, personality and life events changes after jejunoileal bypass surgery for massive obesity. Minnesota Medicine, 63, 31-34.
- Leon, G.R. (1980). Behavior modification in risk factor reduction. In C. Long (Ed.), Prevention and rehabilitation of ischemic heart disease (pp. 282-313). Baltimore: Williams and Wilkins Co.
- Leon, G.R., Kamp, J., Gillum, R., & Gillum, B. (1981). The process of aging: Current life stress and personal adjustment. Journal of Gerontology, 36, 66-69.

- Leon, G.R., Butcher, J.N., Kleinman, M., Goldberg, A., & Almagor, M. (1981). Survivors of the holocaust and their children: Current status and adjustment. Journal of Personality and Social Psychology, 41, 503-516.
- Leon, G.R. (1981). Personality and behavioral correlates of obesity. In [8d] B.B. Wolman and S. DeBerry (Eds.), Psychological aspects of obesity (pp. 15-29). New York: Van Nostrand Reinhold Co.
- Leon, G.R. (1982). Anorexia nervosa. In R. W. Blum (Ed.), Adolescent health care. Clinical Issues (pp. 91-95). New York: Academic Press.
- Leon, G.R., & Dinklage, D. (1983). Childhood obesity and anorexia nervosa. In T.H. Ollendick and M. Hersen (Eds.), Handbook of child psychopathology. (pp. 253-275). New York: Plenum Publishing.
- Leon G.R. (1983). Anorexia nervosa. The question of treatment emphasis. In M. Rosenbaum, C.M. Franks, and Y. Jaffe (Eds.), Perspectives on behavior therapy in the Eighties (pp. 363-377). New York: Springer Publishing.
- Korgeski, G., & Leon, G.R. (1983). Correlates of self-rated and objectively determined exposure to phenoxyherbicides (Agent Orange). American Journal of Psychiatry, 140, 1443-1449.
- Leon, G.R., & Finn, S. (1984). Sex role stereotypes and the development of eating disorders. In C. S. Widom (Ed.), Sex roles and psychopathology (pp. 317-337). New York: Plenum Press.
- Leon, G.R., & Rosenthal, B. (1984). Prognostic indicators of success or relapse in weight reduction. International Journal of Eating Disorders, 3, 15-24.
- Leon, G.R., Carroll, K., Chernyk, B., & Finn, S. (1985). Binge eating and associated habit patterns within college student and identified bulimic populations. International Journal of Eating Disorders, 4, 43-57.
- Leon, G.R., Lucas, A.R., Colligan, R., Ferdinand, R., & Kamp, J. (1985). Body image, sexual attitudes, and family interaction patterns in anorexia nervosa. Journal of Abnormal Child Psychology, 13, 245-258.
- Leon, G.R., & Phelan, P. (1985). Anorexia nervosa. In B. Lahey and A. Kazdin (Eds.), Advances in clinical child psychology, Vol. 8.(pp. 81-111) New York: Plenum Publishing.
- Finn, S.E., Hartman, M., Leon, G.R. & Lawson, L. (1986). Eating disorders and sexual abuse: Lack of confirmation for a clinical hypothesis. International Journal of Eating Disorders, 5, 1051-1060.
- Leon, G.R., Phelan, P., Kelly, J.T., & Patten, S.E. (1986). The symptoms of bulimia and the menstrual cycle. Psychosomatic Medicine, 48, 415-422.

- Hartman, M., Finn, S.E., & Leon, G.R. (1987). Characteristics of female psychotherapy clients with histories of incest and other sexual abuse. Psychotherapy: Theory, Research, Practice and Training, 24, 154-159.
- Leon, G.R., Lucas, A.R., Ferdinande, R.F., Mangelsdorf, C., & Colligan, R.C. (1987). Attitudes about sexuality and other psychological characteristics as predictors of follow-up status in anorexia nervosa. International Journal of Eating Disorders, 6, 477-484.
- Leon, G.R., Finn, S.E., Murray, D., & Bailey, J.M. (1988). The inability to predict cardiovascular disease from hostility scores or MMPI items related to Type A behavior. Journal of Consulting and Clinical Psychology, 56, 597-600.
- Leon, G.R. (1989). Diagnostic and psychopathological issues in bulimia. In W.G. Johnson (Ed.), Advances in eating disorders (pp. 157-174). Greenwich, Conn.: JAI Press.
- Leon, G.R., McNally, C., & Ben-Porath, Y. (1989). Personality characteristics, mood, and coping patterns in a successful North Pole expedition team. Journal of Research in Personality, 23, 162-179.
- Leon, G.R., & Dinklage, D. (1989). Childhood obesity and anorexia nervosa. In T.H. Ollendick and M. Hersen (Eds.), Handbook of child psychopathology (2nd ed.). (pp. 247-264). New York: Plenum Publishing.
- Leon, G.R., Perry, C.L., Mangelsdorf, C., & Tell, G.J. (1989) Adolescent nutritional and psychological patterns and risk for the development of an eating disorder. Journal of Youth and Adolescence, 18, 273-282.
- Almagor, M., & Leon, G.R. (1989). Transgenerational effects of the concentration camp experience. In P. Marcus and A. Rosenberg (Eds.), Healing their wounds. Psychotherapy with Holocaust survivors and their families. (pp. 183-195). New York: Praeger.
- Leon, G.R., Hjemboe, S., & Ben-Porath, Y. (1990). Coping patterns and current functioning in a group of Vietnam and Vietnam-Era nurses. Journal of Social and Clinical Psychology, 9, 334-353.
- Leon, G.R. (1990). Breadth and depth of training in developmental-clinical psychology in assessment and interventions. In P.R. Magrab and P. Wohlford (Eds.), Improving psychological services for children and adolescents with severe mental disorders: Clinical training in psychology (pp. 91-93). Washington, D. C.: American Psychological Association.

- Callen, J.E., Johnson, D.L., Leon, G.R., Magrab, P.R., & Myers, H.F. (1990). Policy recommendations from the National Conference on Implementing Public-Academic Linkages for Clinical Training in Psychology. Conference Sponsored by the National Institute of Mental Health and Georgetown University Child Development Center. Washington, D.C. December 10-12, 1990.
- Leon, G.R. (1991). Individual and group process characteristics of polar expedition teams. Environment and Behavior, 23, 723-748.
- Leon, G.R., Kanfer, R., Hoffman, R.G., & Dupre, L. (1991). Interrelationships of personality and coping in a challenging extreme situation. Journal of Research in Personality, 25, 357-371.
- Leon, G.R. (1991). Eating disorders in female athletes. Sports Medicine, 12, 219-227.
- Leon, G.R., Fulkerson, J.A., Perry, C.L., & Cudeck, R. (1993). Personality and behavioral vulnerabilities associated with risk status for eating disorders in adolescent girls. Journal of Abnormal Psychology, 102, 438-444.
- Koscheyev, V.S., Martens, V.K., Kosenkov, A.A., Lartsev, M.A., & Leon, G.R. (1993). Psychological functioning of Chernobyl nuclear power plant operators after the nuclear disaster. Journal of Traumatic Stress, 6, 123-130.
- Koscheyev, V.S. & Leon, G.R. (1994). Strategies for test battery selection for screening large populations exposed to radiation disaster situations. Washington, DC: Armed Forces Radiobiology Research Institute.
- Leon, G.R., Kanfer, R., Hoffman, R.G., & Dupre, L. (1994). Group processes and task effectiveness in a Soviet-American expedition team. Environment and Behavior, 26, 149-165.
- French, S.A., Perry, C.L., Leon, G.R., & Fulkerson, J.A. (1994). Food preferences, eating patterns and physical activity among adolescents: Correlates of eating disorder symptoms. Journal of Adolescent Health, 15, 286-294.
- Leon, G.R., Fulkerson, J.A., Perry, C.L. & Dube, A. (1994). Family influences, school behavior, and risk for the later development of an eating disorder. Journal of Youth and Adolescence, 23, 499-515.
- Kahn, P.M., & Leon, G.R. (1994). Group climate and individual functioning in an all women's Antarctic expedition team. Environment and Behavior, 26, 669-697. Reprinted in Journal of Human Performance in Extreme Environments, (2000), 5, 35-43.
- French, S.A., Perry, C.L., Leon, G.R., & Fulkerson, J.A. (1994). Weight concerns and smoking initiation in adolescent females and males: A prospective epidemiologic study. American Journal of Public Health, 84, 1818-1820.

- Leon, G.R., Fulkerson, J.A., Perry, C.L., & Early-Zald, M. (1995). Prospective analysis of personality and behavioral vulnerabilities and gender influences in the later development of disordered eating. Journal of Abnormal Psychology, 104, 140-149.
- French, S.A., Perry, C.L., Leon, G.R., & Fulkerson, J.A. (1995). Dieting behaviors and weight change history in adolescent females. Health Psychology, 14, 548-555.
- French, S.A., Perry, C.L., Leon, G.R., & Fulkerson, J.A. (1995). Changes in psychological variables and health behaviors by dieting status over a three year period in a cohort of adolescent females. Journal of Adolescent Health, 16, 438-447.
- French, S.A., Perry, C.A., Leon, G.R., & Fulkerson, J.A. (1996). Self-esteem and change in body mass index over three years in a cohort of adolescents. Obesity Research, 4, 27-33.
- Leon, G.R. (Ed). (1996). Proceedings of the conference After Everyone Leaves: Preparing For, Managing, and Monitoring Mid- and Long-Term Effects of Large-Scale Disasters. Bloomington Minnesota October 1994. Prehospital and Disaster Medicine, 11, 95-119.
- Koscheyev, V.S., & Leon, G.R. (1996). The Russian translation and preliminary adaptation of the MMPI-2. In J.N. Butcher (Ed.). Handbook of international MMPI-2 research and clinical applications (pp. 385-394). Minneapolis, MN: University of Minnesota Press.
- Leon, G. R. & Koscheyev, V.S. (1996). Expedition applications to long duration space missions. In Stewart W. Johnson (Ed.). Space V. Proceedings of the Fifth International Conference on Space '96. Vol 2 (pp. 997-1001). New York: American Society of Civil Engineers.
- Koscheyev, V.S., Greaves, I.A., Leon, G.R., Hubel, A., & Nelson, E.D. (1996). Comfort and heat control during extended space flights. Proceedings of the 26th International Conference on Environmental Systems. SAE Technical Paper Series 961538. Warrendale, PA:SAE.
- Leon, G.R. & Koscheyev, V.S. (1996). Applications of U.S.-Russian expedition research to aerospace settings. SAE Technical Paper Series 961612. In Proceedings of the 26th International Conference on Environmental Systems, July 8-11, 1996, Monterey, California.
- Koscheyev, V.S., Leon, G.R., Gourine, A.V., & Gourine V.N. (1997). The psychosocial aftermath of the Chernobyl disaster in an area of relatively low contamination. Prehospital and Disaster Medicine, 12, 41-46.
- Leon, G.R., Fulkerson, J.A., Luepker, I.R., & Yunov, Y. (1997). Perceptions of group influences and effectiveness among disabled and able-bodied members of a Russian wheelchair expedition. International Journal of Sport Psychology, 28, 172-184.

- Koscheyev, V.S., Leon, G.R., & Greaves, I.A. (1997). Lessons learned and unsolved public health problems after large-scale disasters. Prehospital and Disaster Medicine, 12, 120-131.
- Keel, P.K., Fulkerson, J.A., & Leon, G.R. (1997). Disordered eating precursors in pre- and early adolescent girls and boys. Journal of Youth and Adolescence, 26, 203-216.
- Koscheyev, V. S., & Leon, G.R. (1997). Rescue worker and population protection in large-scale disasters involving contamination. Minnesota Medicine, 80, 23-27.
- Leon, G.R., Keel, P.K., Klump, K.L., & Fulkerson, J.A. (1997). The future of risk factor research in understanding the etiology of eating disorders. Psychopharmacology Bulletin, 33, 405-411.
- Koscheyev, V.S., Leon, G.R., Tranchida, D., & Taylor, T. (1997). Forced and directed heat exchange for providing human body comfort in extreme environments. Proceedings of the 27th International Conference on Environmental Systems. SAE Technical Paper Series 972318. Warrendale, PA:SAE International.
- Koscheyev, V.S., Leon, G.R., Nesser T., Tranchida, D., & Taylor T.J. (1998). Components of respirator comfort: A comparison of the 3M CFR and 42 CFR respirators. Technical Report, 3M Occupational Health and Safety Division, January 1998.
- Keel, P.K., Klump, K.L., Leon, G.R., & Fulkerson, J.A. (1998). Disordered eating in adolescent males in a school-based sample. International Journal of Eating Disorders, 23, 125-132.
- Koscheyev, V.S., Leon, G.R., Tranchida, D., & Taylor, T. (1997). Forced and directed heat exchange for providing human body comfort in extreme environments. Proceedings of the 27th International Conference on Environmental Systems. SAE Technical Paper Series 972318. Warrendale, PA:SAE International.
- Koscheyev, V.S., Paul, S., Leon, G.R., Tranchida, D., Taylor, T., & Koscheyev, I.V. (1998). Body surface temperature tuning as a comfort support system in space and other extreme environments. Proceedings of the 28th International Conference on Environmental Systems. SAE Technical Paper Series 981723. Warrendale, PA:SAE International.
- Fulkerson, J.A., Keel, P.K., Leon, G.R., & Dorr, T. (1999). Eating disordered behaviors and personality characteristics of high school athletes and nonathletes. International Journal of Eating Disorders, 26, 73-79.

- Klump, K.L., Keel, P.K., Leon, G.R., & Fulkerson, J.A. (1999). Risk for eating disorders in a school-based twin sample: Are twins representative of the general population for eating disordered behavior? Eating Disorders: Journal of Treatment and Prevention, 7, 33-41.
- Leon, G.R., Fulkerson, J.A., Perry, C.L., Keel, P.K., & Klump, K.L. (1999). Three to four year prospective evaluation of personality and behavioral risk factors for later disordered eating in adolescent girls and boys. Journal of Youth and Adolescence, 28, 181-196.
- Leon, G.R. (1999). Select-in and countermeasure considerations for long duration crews. Proceedings of the 29th International Conference on Environmental Systems. SAE Technical Paper Series 1999-01-2095. Warrendale, PA:SAE International.
- Koscheyev, V.S., Treviño, R.C., Leon, G.R., Tranchida, D., Linder, I.V., & Baum, I. (1999). Augmentation of blood circulation to the fingers through wrist warming to enhance finger comfort during long-duration EVA. Proceedings of the 29th International Conference on Environmental Systems. SAE Technical Paper Series 1999-01-1969. Warrendale, PA:SAE International.
- Koscheyev, V.S., Paul, S., Leon, G.R., Tranchida, D., Taylor, T.J., & Koscheyev, I.V. (1999). Individual thermal profiles for human comfort management in extreme environments. In J.A. Hodgdon, J.H. Heaney, and M.J. Buono, Environmental ergonomics VIII, International series on environmental ergonomics 1, (pp. 259-262). 1, San Diego: International Conference on Environmental Ergonomics.
- Koscheyev, V.S., Leon, G.R., Paul, S., Tranchida, D., & Linder, I.V. (2000). Augmentation of blood circulation to the fingers by warming distal body areas. European Journal of Applied Physiology, 82, 103-111.
- Koscheyev, V.S., Leon, G.R., Hubel, A., & Tranchida, D. (2000). Thermoregulation and heat exchange in a nonuniform thermal environment during simulated extended EVA. Aviation, Space, and Environmental Medicine, 71, 579-585.
- Koscheyev, V.S., Leon, G.R., & Treviño, R.C. (2000). Maximal conductive heat exchange through different body zones in a liquid cooling/warming space garment. Proceedings of the 30th International Conference on Environmental Systems. SAE Technical Paper Series 2000-01-2255. Warrendale, PA:SAE International.
- Keel, P.K., Leon, G.R., & Fulkerson, J.A. (2001). Vulnerability to eating disorders in childhood and adolescence. In R.E. Ingram & J.M. Price (Eds.), Vulnerability to Psychopathology (pp. 389-411). New York: Guilford Press.
- Koscheyev, V.S., Leon, G.R., & Treviño, R.C. (2001). Efficacy of wrist/palm warming as a countermeasure to maintain finger comfort in cold conditions. Aviation, Space, and Environmental Medicine, 72, 713-719.

- Leon, G.R. (2002). Conscientiousness and work performance while suffering from acute mountain sickness: Case Report. Aviation, Space, and Environmental Medicine, 73, 388-391.
- Leon, G.R., Atlis, M.M., Ones, D., & Magor, G. (2002). A one-year three couple expedition as a crew analog for a Mars mission. Environment and Behavior, 34, 672-700.
- Koscheyev, V.S., Leon, G.R., Treviño, R.C. (2002). An advanced physiologically based shortened liquid cooling/warming garment for comfort management in routine and emergency EVA. Proceedings of the 32nd International Conference on Environmental Systems. SAE Technical Paper Series 2002-01-2413. Warrendale, PA:SAE International.
- Coca, A., Koscheyev, V.S., & Leon, G.R. (2002). Comfort management in rest and exercise conditions in an innovative shortened liquid cooling/warming garment. Proceedings of the 32nd International Conference on Environmental Systems. SAE Technical Paper Series 2002-01-2411. Warrendale, PA:SAE International.
- Koscheyev, V.S., Coca, A., Leon, G.R., & Dancisak, M.J. (2002). Individual thermal profiles as a basis for comfort improvement in space and other environments. Aviation, Space, and Environmental Medicine, 73, 1195-1202.
- Koscheyev, V.S., Coca, A., & Leon, G.R. (2002). Advanced thermal status control of crews in EVA and escape suits. Proceedings of the World Space Congress-2002, October 10-19, 2002, Houston Texas. Paper no. IAC-02-IAA.10.1.09.
- Leon, G.R. & Sandal, G. M. (2003). Women and couples in isolated extreme environments: Applications for long-duration missions. Acta Astronautica, 53, 259-267.
- Leon, G.R., Masten, A., Frazier, P., Gewirtz, A. et al. (2003). World Association of Disaster and Emergency Medicine: Psychosocial task force – Alert and impact. Prehospital and Disaster Medicine, 18, 41-42.
- Leon, G.R., List, N., & Magor, G. (2004). Personal experiences and team effectiveness during a commemorative trek in the High Arctic. Environment and Behavior, 36, 386-401.
- Atlis, M.M., Leon, G.R., Sandal, G.M., & Infante, M. (2004). Decision processes and interactions during a two woman traverse of Antarctica. Environment & Behavior, 36, 402-423.
- Koscheyev, V.S., Leon, G.R., Coca, A. & List, N. (2004). Enhancing blood circulation to lower limbs during head-down tilt by warming upper body and thighs. Aviation, Space and Environmental Medicine, 75, 596-602.

- Koscheyev, V.S., Leon, G.R., Ferl, J., Coca, A., & Graziosi, D. (2004). Comparison of shortened and standard liquid cooling garments to provide physiological and subjective comfort during EVA. Proceedings of the 34th International Conference on Environmental Systems. SAE Technical Paper Series 2004-01-2347. Warrendale, PA:SAE International. Reprinted in SAE 2004 Transactions Journal of Aerospace, V113-1, 557-563.
- Leon, G.R., Koscheyev, V.S., Coca, A. and List, N. (2004). Comparison of different cooling regimes within a shortened liquid cooling/warming garment on physiological and psychological comfort during exercise, Habitation, 10, 61-67.
- Leon, G.R., & Polusny, M.A. (Eds.) (2004). Special issue: Psychosocial themes. Prehospital and Disaster Medicine, 19, 1-127.
- Leon, G.R. (2004). Overview of the psychosocial impact of disasters. Prehospital and Disaster Medicine, 19, 5-10.
- Leon, G.R. (2005). Men and women in space. Aviation, Space, and Environmental Medicine, 76, Suppl:B84-88.
- Koscheyev, V.S., Coca, A., Leon, G.R., & Treviño, R.C. (2005). Effect of local hand thermoinsulation on total and local comfort under different body heat deficit. Proceedings of the 35th International Conference on Environmental Systems. SAE Technical Paper Series 2005-01-2347. Warrendale, PA:SAE International.
- Koscheyev, V.S., Leon, G.R., Coca, A., & Treviño, R.C. (2005). Redirection of biological heat from head to fingers during a body cooling event. Aviation, Space, and Environmental Medicine, 76, 828-832.
- Koscheyev, V.S., Leon, G.R., & Coca, A. (2005). Finger heat flux/temperature as an indicator of thermal imbalance with application for extravehicular activity. Acta Astronautica, 57, 713-721.
- Koscheyev, V.S., Coca, A., Leon, G.R., & Maximov, A. (2005). *Informatevnost temperaturnich parametrov razlichnich zon tela cheloveka dlya korrektsii evoteplovovo desbalansa pre vichode v otkritoe kosmicheskoe prostranstvo*. Informative value of temperatures in different areas of the human body for correcting body thermal imbalance during extravehicular activities. Fiziologiya Cheloveka, 31, 78-86. (Russian). English version in Human Physiology, 31, 688-695.
- Koscheyev, V.S., Leon, G.R., Coca, A., Kim, J-H., & Treviño, R.C. Informativeness of the finger temperature/heat flux as an index of human thermal status under local cold influences. Proceedings of the 36th International Conference on Environmental Systems. SAE Technical Paper Series 2006-01-2237. Warrendale, PA:SAE International.

- Koscheyev, V.S., Leon, G.R., Coca, A., & Treviño, R.C. (2006). Physiological design of a space suit cooling/warming garment and thermal control as keys to improve astronaut comfort, performance and safety. Habitation, 11, 15-25.
- Sandal, G.M., Leon, G.R., Palinkas, L.A. (2006). Human challenges in polar and space environments. Reviews in Environmental Science and Bio/Technology, 5, 281-296.
- Koscheyev, V.S., Coca, A., & Leon, G.R. (2007). Overview of physiological principles to support thermal balance and comfort of astronauts in open space and on planetary surfaces. Acta Astronautica, 60, 479-487.
- Leon, G.R., & Scheib, A. (2007). Personality influences on a two-man Arctic expedition, impact on spouse, and the return home. Aviation, Space and Environmental Medicine, 78, 526-529.
- Koscheyev, V.S., Lee, J-Y, Kim, J-H, Berowski, A.C., Leon, G.R., & Treviño, R.C. (2007). Person to person biological heat bypass during EVA emergencies. Proceedings of the 37th International Conference on Environmental Systems. SAE Technical Paper Series 2007-01-3209. Warrendale, PA:SAE International.

ABSTRACTS

- Leon, G.R., & Morrow, V. (1972). Differing patterns of maternal behavioral control and their association with child behavior problems of an active or passive interpersonal nature. Journal Supplement Abstract Service, 2, 136-137.
- Leon, G.R., Eckert, E., & Buchwald, H. (1977, November). Psychological concomitants of jejunoileal bypass surgery for morbid obesity. Proceedings of the International Congress on Obesity. Washington, D. C.
- Leon, G.R., Roth, L., & Hewitt, M.I. (1977, November). Eating behavior, self-control strategies and satiety factors in obese persons during weight reduction. Proceedings of the Second International Congress on Obesity. Washington, D. C.
- Leon, G.R., & Butcher, J.N. (1980, July). Symposium: Survivors of the holocaust and their children: Current status and adjustment - Study overview and the mental health status of the survivors. In Proceedings of the World Congress on Behavior Therapy, Jerusalem, Israel.
- Leon, G.R., Bemis, K.M., & Lucas, A. R. (1980, July). Family interactions, control, and other interpersonal factors as issues in treatment of anorexia nervosa. In Proceedings of the World Congress on Behavior Therapy, Jerusalem, Israel.

- Leon, G.R. (1997). Strategies for comprehensive monitoring of mid- and long-term effects of disasters. Proceedings of the conference After Everyone Leaves: Preparing For, Managing, and Monitoring Mid- and Long-Term Effects of Large-Scale Disasters. October 1994, Bloomington Minnesota. Prehospital and Disaster Medicine, 11, 107-108.
- Leon, G.R., & Koscheyev, V.S. (1997). Psychosocial sequelae of disasters in the acute phase and during mid- and long-term recovery periods. Proceedings of the conference After Everyone Leaves: Preparing For, Managing, and Monitoring Mid- and Long-Term Effects of Large-Scale Disasters. October 1994, Bloomington, Minnesota. Prehospital and Disaster Medicine, 12, S28.
- Leon, G.R. & Koscheyev, V.S. (1997). Cross-Cultural polar expedition teams as an analog to long-duration space missions. Proceedings of the 68th Annual Scientific Meeting of the Aerospace Medical Association, May 1997, Chicago, Illinois. Aviation, Space, and Environmental Medicine, 68, 641.
- Leon, G.R. & Koscheyev, V.S. (1997, June). Application of expedition and polar work group findings for enhancing performance in space. Proceedings of the 12th Man in Space Symposium, Washington, D.C.
- Leon, G.R. (1997, June). Human performance and subjective perception in nonuniform thermal conditions. Proceedings of the 12th Man in Space Symposium, Washington, D.C.
- Leon, G.R., Atlis, M, Sandal, G., & Infante, M. (2001, September). Subjective perception of cold adaptation and stress during a two woman longitudinal traverse of Antarctica. Proceedings of the Australian Physiological and Pharmacological Society, 32(2), Suppl 1, 88P.
- Koscheyev, V.S., Dancisak, M.J., & Leon, G.R. (2001, September). Approaches to monitoring thermal status in humans under nonuniform heating/cooling on the body surface. In Proceedings of the Australian Physiological and Pharmacological Society, 32(2), Suppl 1, 84P.
- Koscheyev, V.S, Leon, G.R., & Coca, A. (2002). Improvements in comfort and thermal status control of astronauts during extravehicular activities (EVA): Achievements and perspectives. Aviation, Space, and Environmental Medicine, 73, 303.
- Leon, G.R., Atlis, M.M., & Ones, D. (2002). A three couple long-duration polar expedition as an analog to a Mars mission. Aviation, Space, and Environmental Medicine, 73, 235.
- Leon, G.R., Atlis, M.M., Sandal, G.M., & Infante, M.G. (2002). Decision processes and interactions during a two woman traverse of Antarctica. Aviation, Space, and Environmental Medicine, 73, 277.

- Leon, G.R. (2002). Comparative efficacy of psychological treatment procedures for disaster responders and victims. Prehospital and Disaster Medicine, 17, s7-8.
- Leon, G. R., Koscheyev, V.S., List, N., & Coca, A. (2003). Comparison of different cooling regimes within a shortened liquid cooling/warming garment on physiological and psychological comfort during exercise. Habitation, 9, 91.
- Koscheyev, V.S., Leon, G.R., & Treviño, R.C. (2003). Thermal control and physiological design as keys to improve comfort, performance and safety during EVA and onboard. Habitation, 9, 92.
- Koscheyev, V.S., Leon, G.R., & Coca, A. (2004). Theory and practice of astronaut hand protection against cold in open space. Aviation, Space, and Environmental Medicine, 75, Section II, B36.
- Coca, A., Koscheyev, V.S., & Leon, G.R. (2004). Prediction of heat deficit/storage through the dynamic of finger temperature. Medicine and Science in Sports & Exercise, 36, S272.
- Leon, G.R. (2005). Overview of psychosocial issues of particular importance in planning for disasters and terrorism. Prehospital and Disaster Medicine, 20, s2.
- Gewirtz, A., Goldstein, L., & Leon, G.R. (2005). Psychosocial recovery and function in children exposed to violence: Implications for prevention and intervention. Prehospital and Disaster Medicine, 20, s31-32.
- Leon, G.R., & Scheib, A. (2006). Individual and group processes during an Arctic Ocean kayak expedition: The team and those left behind. Habitation, 10, 237.
- Koscheyev, V.S., Leon, G.R., & Treviño, R.C. (2006). Control of thermal status of astronauts by a finger calorimeter in the space suit. Habitation, 10, 236.

INVITED BOOK REVIEWS AND COMMENTARIES

- Leon, G.R. (1970). The mother-professional model in academia. American Psychologist, 25, 874-875.
- Leon, G.R. (1976). Book review: Gelfand, D.M. Social learning in childhood. Readings in theory and application . (2nd ed.) Behavior Therapy, 7, 424-425.
- Leon, G.R. (1976). Book review: Graziano, A.M. (Ed.). Behavior therapy with children (Vol. II). Behavior Therapy, 7, 721-723.
- Leon, G.R. (1977). Book review: Yen, S., and McIntire, R. Teaching behavior modification. Behavior Therapy, 8, 300-302.
- Leon, G.R. (1980). Is it bad not to be thin? (Letter to the editor) The American Journal

of Clinical Nutrition, 33, 174-176.

- Leon, G.R., and Leon, A. S. (1983). Book review: Polivy, J., and Herman, C. P. Breaking the diet habit. The natural weight alternative. International Journal of Eating Disorders, 3, 79, 82.
- Leon, G.R. (1984). Anorexia nervosa and sports activities. The Behavior Therapist, 7, 9-10.
- Leon, G.R. (1984). Book review: M. LeBow, Child obesity. Springer, 1984. Child and Family Behavior Therapy, 6, 71-73.
- Leon, G.R. (1987). Invited commentary on N.D. Brayshaw & D.D. Brayshaw, Premenstrual syndrome and thyroid dysfunction. Integrative Psychiatry, 5, 189-190.
- Leon, G.R. (1987). Book review: Perry, S., Frances, A., & Clarkin, J. A DSM-III casebook of differential therapeutics. A clinical guide to treatment selection (1985). New York: Brunner/Mazel. In Contemporary Psychology, 32, 171.
- Leon, G.R. (1988). Book review: Nietzel, M.T., and Bernstein, D.A. (1987). Introduction to clinical psychology (2nd ed.) Englewood Cliffs, NJ: Prentice-Hall. In Contemporary Psychology, 33, 981.
- Leon, G.R. (1987). Foreword to Genest, M., and Genest, S. Psychology and health. Champaign, IL: Research Press.
- Leon, G.R. (1989). Book review: Taylor, A.J.W. Antarctic psychology, 1987. Wellington, New Zealand: DSIR Publishing Centre. In Contemporary Psychology, 34, 198.
- Leon, G.R. (1988). Foreword to Peterson, L., and Harbeck, C. The pediatric psychologist. Champaign, IL: Research Press.
- Leon, G.R. (1990). Book Review: Braham, R.L. (ed.). The psychological perspectives of the Holocaust and of its aftermath. Boulder, Colorado: Social Sciences Monographs. In Contemporary Psychology, 35, 706.
- Leon, G.R. (1990). Book review: Sigal, J.J., & Weinfeld, M. Trauma and rebirth. New York: Praeger. In Contemporary Psychology, 35, 861.
- Leon, G.R. (1991). Bulimia nervosa in adolescence. In R.M. Lerner, A.C. Petersen, and J. Brooks-Gunn. The encyclopedia of adolescence. Vol. 1 (pp. 95-97). New York: Garland Publishing.
- Leon, G.R. (1992). Book review: Johnson, C. Psychodynamic treatment of anorexia nervosa and bulimia. New York: Guilford. In Contemporary Psychology, 37, 331-332.
- Leon, G.R. (1992). Commentary: Korkina et al, Anorexia nervosa as manifested in

Russia. International Journal of Psychosomatics, 39, 40-41.

Leon, G.R. (1992). Foreword to Smith, T.W. & Leon, A.S. Coronary heart disease. A behavioral perspective. Champaign, IL: Research Press.

Leon, G.R. (1993). Book review: Friedman, H.S. (Ed.). Hostility, coping, and health. Washington, D.C.: American Psychological Association. In Clinical Psychology Review, 13, 297-298.

Leon, G.R. (1993). Book review: Suedfeld, P. (Ed.). Psychology and torture. New York: Hemisphere. In Contemporary Psychology, 38, 820-821.

Leon, G.R. (2000). Book review: Stuster, J. Bold endeavors: Lessons from polar and space exploration. Annapolis, MD: Naval Institute Press. In Human Performance in Extreme Environments, 4, 78.

Leon, G.R. (2006). In the path of disasters: Psychosocial Issues for preparedness, response, and recovery: Commentary. Prehospital and Disaster Medicine, 21, 154-155.

SELECTED PAPERS PRESENTED AT SCIENTIFIC MEETINGS

A prospective study of the development of eating disorders in an adolescent population. Paper presented at the International Conference on Eating Disorders, April 1990, New York.

Eating Disorders. Invited address. Annual Meeting of the American Psychological Association, August 1990, Boston, Massachusetts.

Stress, coping, and post traumatic stress disorder as related to war and natural disasters. Paper presented at Center for Disaster Medicine Protection, June 1991, Moscow, USSR.

Nightingale, E.J., Leon, G.R., Jones, L., Benson, S., & Billig, J. Symptoms and behaviors associated with un-remitted PTSD in Vietnam veterans. Poster presentation, Annual Meeting of the American Psychological Association, August 1992, Washington, D.C.

Post-traumatic stress disorder in Vietnam nurses: Implications for understanding and assessing groups under extreme stress. Paper presented at Center for Disaster Medicine Protection, September 1992, Moscow, Russia.

Invited participant, National Research Council Board on Radiation Effects Research, CDC

Radiation Assessment Studies Committee, "Psychosocial Effects of Radiation Accidents," April 1996, Washington, D.C.

Invited speaker - Plenary II Risk and Prevention Panel. Prospective assessment of risk factors for the later development of eating disorders. Seventh New York International

Conference on Eating disorders, April 1996, New York.

Expedition applications to long duration space missions. Fifth International Conference on Space '96. May 1996, Albuquerque, New Mexico.

Applications of U.S.-Russian expedition research to aerospace settings. 26th International Conference on Environmental Systems, July 1996, Monterey, California.

Cross-Cultural polar expedition teams as an analog to long-duration space missions. 68th Annual Scientific Meeting of the Aerospace Medical Association, May 1997, Chicago, Illinois.

Subjective perception of nonuniform temperatures in extreme environments. 12th Man in Space Symposium, June 1997, Washington, D.C.

Posttraumatic Stress Disorders and Other Psychopathology in Response to Disaster Situations. 10th World Congress on Emergency and Disaster Medicine, September 1997. Mainz, Germany

Subjective perception of nonuniform temperatures in extreme environments. Department of Physiology, Free University of Berlin, September 1997, Berlin, Germany.

Select-in and countermeasure considerations for long duration crews. 29th International Conference on Environmental Systems, July 1999, Denver, Colorado.

A one year three couple expedition as a crew analog to a Mars mission. 13th Humans in Space Symposium, May 2000, Santorini Greece.

Subjective perception of cold adaptation and stress during a two woman longitudinal traverse of Antarctica. International Thermal Physiology Symposium, September 2001, Wollongong, Australia.

A three couple long-duration polar expedition as an analog to a Mars mission. 73rd Annual Scientific Meeting, Aerospace Medical Association, May 2002, Montreal, Canada.

Women and couples in isolated extreme environments: Applications for long-duration missions. World Space Congress-2002, October 2002, Houston Texas.

Comparison of different cooling regimes within a shortened liquid cooling/warming garment on physiological and psychological comfort during exercise. Habitation2004 Conference, January 2003, Orlando Florida.

Adult and child sleep patterns over the Arctic winter total darkness period. The 1st Integrated Meeting on Thermal Physiology and Pharmacology of Thermoregulation, October 2004, Rhodes Greece.

Overview of psychosocial issues of particular importance in planning for disasters and terrorism. 2005 World Congress of Disaster and Emergency Medicine, May 2005, Edinburgh, Scotland.

A two-man arctic kayak expedition: Implications for planetary surface exploration and post-mission family re-integration. 57th International Astronautical Conference, October 2006, Valencia Spain.

RESEARCH IN PROGRESS

Stress and coping in extreme environments with application for planetary missions

Development of a more efficient space garment and biosensor system to protect astronauts during usual and emergency situations onboard and during extravehicular activities