

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel.
Photocopy this page or follow this format for each person.

NAME Suzanne M. Schneider (Fortney), Ph.D.	POSITION TITLE Assistant Professor
--	---------------------------------------

INSTITUTION(S) AND LOCATION	DEGREE(S) (if applicable)	YEAR(S)	FIELD(S) OF STUDY
University of Missouri, St. Louis St. Louis University John B. Pierce Foundation (Yale University)	B.A. Ph.D. Postdoc	1968-1972 1972-1978 1978-1982	Biology Physiology Environmental Physiology

RESEARCH AND PROFESSIONAL EXPERIENCE: Concluding with present position, list, in chronological order, previous employment, experience, and honors. Include present membership on any Federal Government public advisory committee. List, in chronological order, the titles, all authors, and complete references to all publications during the past three years and to representative earlier publications pertinent to this application. If the list of publications in the last three years exceeds two pages, select the most pertinent publications. **DO NOT EXCEED TWO PAGES.**

2002-pres Asst. Prof., Dept. of Physical Performance and Development, Univ. of New Mexico
1988-2001 Research Physiologist, NASA Johnson Space Center
1994-1999 Project Scientist, Human Research Facility, International Space Station
1987-1988 Associate Professor, Johns Hopkins University
1982-1987 Assistant Professor, Johns Hopkins University

Selected Journal Articles:

McCarthy, J.P., M.M. Bamman, J.M. Yelle, A.D. LeBlanc, R.M. Rowe, M.C. Greenisen, S.M.C. Lee, E.R. Spector, S.M. Fortney. Resistance exercise training and the orthostatic response. *Eur. J. Appl. Physiol.* 76:32-40, 1997.

Lee, S.M.C., B.S. Bennett, A.R. Hargens, D.E. Watenpugh, R.E. Ballard, G. Murthy, S.R. Ford, and S.M. Fortney. Upright exercise or supine lower body negative pressure exercise maintains exercise responses after bed rest. *Med. Sci. Sports Exerc.* 29: 892-900, 1997.

Fortney, S.M., V. Mikhaylov, S.M.C. Lee, Y. Kobzev, R. R. Gonzalez, and J.E. Greenleaf. Body temperature and thermoregulation during submaximal exercise after 115-day spaceflight. *Aviat. Space Environ. Med.* 69:137-41, 1998.

Watenpugh, DE, RE Ballard, SM Schneider, SMC Lee, AC Ertl, JM William, WL Boda, KJ Hutchinson, AR Hargens. Supine lower body negative pressure exercise during bed rest maintains upright exercise capacity in men. *J. Appl. Physiol.* 89:218-229, 2000.

Lee, S.M.C., A.D. Moore, J.M. Fritsch-Yelle, M.C. Greenisen, and S.M. Fortney Schneider. Inflight exercise affects stand test responses after spaceflight. *Med. Sci. Sports Exerc.* 31: 1755-1762, 1999.

Sawka MN, VA Convertino, ER Eichner, SM Schneider, AJ Young. Blood volume: importance and adaptations to exercise training, environmental stresses and trauma/sickness. *Med. Sci. Sports Exerc* 32:332-48, 2000.

Watenpugh, DE, RE Ballard, SM Schneider, SMC Lee, AC Ertl, JM William, WL Boda, KJ Hutchinson, AR Hargens. Supine lower body negative pressure exercise during bed rest maintains upright exercise capacity in men. *J. Appl. Physiol.* 89:218-227, 2000.

Lee, SMC, PA Bishop, LL Clapp, WJ Williams, SM Schneider, MC Greenisen. Simulated shuttle egress: role of helmet visor position during re-entry and protective garment selection. *Aviat. Space Environ Med.* 72: 484-489, 2001.

Lee SMC, PA Bishop, SM Schneider, MC Greenisen. Simulated shuttle egress: comparison of two space shuttle protective garments. *Aviat. Space Environ. Med.* 72:110-4, 2001.

Lee, SMC, WJ Williams, Suzanne MF Schneider. Core temperature measurement during supine exercise: esophageal, rectal and intestinal temperatures. *Aviat. Space Environ. Med.* 71: 939-45, 2000.

Moore, AD, SMC Lee, JB Charles, MC Greenisen, and SM Schneider. Maximal exercise as a countermeasure to orthostatic intolerance following spaceflight. *Med. Sci. Sports Exerc.* 33:75-80, 2001.

Sawka MN, VA Convertino, ER Eichner, SM Schneider, AJ Young. Blood volume: importance and adaptations to exercise training, environmental stresses and trauma/sickness. *Med. Sci. Sports Exerc* 32:332-48, 2000.

Watenpugh, DE, RE Ballard, SM Schneider, SMC Lee, AC Ertl, JM William, WL Boda, KJ Hutchinson, AR Hargens. Supine lower body negative pressure exercise during bed rest maintains upright exercise capacity in men. *J. Appl. Physiol.* 89:218-227, 2000.

Lee, SMC, PA Bishop, LL Clapp, WJ Williams, SM Schneider, MC Greenisen. Simulated shuttle egress: role of helmet visor position during re-entry and protective garment selection. *Aviat. Space Environ Med.* 72: 484-489, 2001.

Lee SMC, PA Bishop, SM Schneider, MC Greenisen. Simulated shuttle egress: comparison of two space shuttle protective garments. *Aviat. Space Environ. Med.*, 72: 110-114, 2001.

Lee, SMC, WJ Williams, Suzanne MF Schneider. Core temperature measurement during supine exercise: esophageal, rectal and intestinal temperatures. *Aviat. Space Environ. Med.* 71: 939-45, 2000.

Moore, AD, SMC Lee, JB Charles, MC Greenisen, and SM Schneider. Maximal exercise as a countermeasure to orthostatic intolerance following spaceflight. *Med. Sci. Sports Exerc* 33:75-80, 2001.

Harm, D.L., R.T. Jennings, J.V. Meck, M.R. Powell, L. Putcha, C.P. Sams, S.M. Schneider, L.C. Shackelford, S.M. Smith, and P.A. Whitson. Invited Review: Gender issues related to spaceflight: a NASA perspective. *J. Appl. Physiol.* 91: 2374-2383, 2001.

Lee, S.M.C., W.J. Williams, and S.M. Schneider. Role of skin blood flow and sweating rate in exercise thermoregulation after bed rest. *J. Appl. Physiol.* 92:2026-2034, 2002.

Selected Book Chapter:

Fortney, SM, Schneider VS, JE Greenleaf. The Physiology of Bed Rest. In: Handbook of Physiology, Section 4: Environmental Physiology, Vol. II, Ed. by M. Fregly and CM Blatteis, American Physiological Society, Oxford Univ. Press, Oxford, 1996, pg. 889-939.