

CURRICULUM VITA

NAME: Sheryl Lynn Bishop, Ph.D.

DATE: February 2, 2010

PRESENT POSITIONS AND ADDRESS:

Associate Professor/Biostatistician, Center for Nursing Research and Evaluation, School of Nursing (Research, Non-Tenured), September 2007.

Associate Professor, Department of Preventive Medicine and Community Health, Divisions of Clinical Preventive Medicine and Epidemiology and Biostatistics, School of Medicine (Research, Non-Tenured), 1999.

Associate Member, Graduate School of Biomedical Sciences

Curriculum Coordinator, Space Life Science Ph.D. Curriculum, Department of Preventive Medicine and Community Health, January, 2005.

BIOGRAPHICAL:

Place of Birth: Uvalde, Texas, USA

EDUCATION:

May, 1982 B.A. Psychology, University of Texas at San Antonio, San Antonio, Texas

August, 1989 Ph.D. Social Psychology, University of Texas at Austin Austin, Texas

BOARD/CERTIFICATIONS:

Dec., 1996 American Board of Forensic Examiners, Board Certified Forensic Examiner, Diplomate.

Oct., 1998 American Board of Psychological Specialties, Board Certified in Psychological Assessment, Evaluation and Testing, Diplomate.

1998 Neuropsychological Testing Training, Heochst Marion Roussel, Kansas City, MO.

PROFESSIONAL AND TEACHING EXPERIENCE:

1988-1989 Social Science Research Associate, NASA-Ames/FAA-Helmreich, Inc., Austin, Texas.

1990-1992 Adjunct Faculty, Departments of Psychology & Sociology, University of Houston-Clear Lake, Texas, College of the Mainland, Texas City, Texas, San Jacinto College, Houston, Texas and Houston Community College, Houston, Texas

1992-1995 Assistant Professor, School of Nursing, University of Texas Medical Branch, Galveston, Texas

1992-1995 Member, Center for Nursing Ethics, Law and Policy, The University of Texas Medical Branch, School of Nursing, Galveston, Texas.

6/1993-9/2000 Assistant Professor, Epidemiology and Biostatistics, Department of Preventive Medicine & Community Health, Non-salaried.

1993-present Associated Faculty, Psychology Resident Training Program, School of Allied Health, The University of Texas Medical Branch School of Medicine, Galveston, Texas

1993-97 Faculty, University of Texas Medical Branch Space Medicine Fellowship The University of Texas Medical Branch School of Medicine, Galveston, Texas

1995-1999 Chief of Education and Research, Center for Aerospace Medicine and Physiology, The University of Texas Medical Branch, Galveston, Texas

1995-1998 Assistant Professor, Preventive, Environmental and Occupational Medicine,

	Department of Family Medicine
6/95 -8/2002	POEM Leader (formerly Biostatistician/Epidemiologist), Preventive, Occupational and Environmental Medicine, Department of Family Medicine/Department of Preventive Medicine and Community Health, The University of Texas Medical Branch, Galveston, Texas.
9/1995-12/1999	Assistant Professor, Academic Coordinator for Research, Grants and Academic Programs, Office of Preventive Medicine Residencies, Department of Preventive Medicine and Community Health
1/2000-8/2003	Associate Professor, Academic Coordinator for Research, Grants and Academic Programs, Office of Preventive Medicine Residencies, Department of Preventive Medicine and Community Health
7/2001-present	Adjunct Faculty, Cleveland State University, College of Graduate Studies, Special Appointment thru 2006, Industrial and Manufacturing Engineering Department.
4/2002-present	Faculty, International Space University, Strasbourg, France.
9/1995-8/2003	Academic Coordinator, Preventive Medicine Residencies, Research, Grants and Academic Programs, Clinical Preventive Medicine, Department of Preventive Medicine and Community Health.
9/2003-2007	Associate Professor, Academic Coordinator for Graduate Programs, Core Faculty Masters of Public Health Program, Department of Preventive Medicine and Community Health.
1/2004-8/2004	Associate Professor, Ph.D. Graduate Nursing Program, Course Instructor for Univariate Statistics & Multivariate Statistics, School of Nursing, UTMB.
9/2004-12/2004	Associate Professor, Masters Program, Course Instructor for Concepts of Knowledge course, School of Allied Health, Department of Occupational Therapy, UTMB.
1/2005-4/2005	Associate Professor, Ph.D. Graduate Nursing Program, Course Instructor for Univariate Statistics, School of Nursing, UTMB.
1/2005-2008	Curriculum Coordinator, Space Life Sciences PhD, Department of Preventive Medicine and Community Health, UTMB.
9/2007-present	Associate Professor, Biostatistician, Center for Nursing Research and Evaluation, School of Nursing, UTMB.
1/2008-5/2008	Associate Professor, Ph.D. Graduate Nursing Program, Course Instructor for Univariate Statistics, School of Nursing, UTMB.
5/2008-8/2008	Associate Professor, Ph.D. Graduate Nursing Program, Course Instructor for Multivariate Statistics, School of Nursing, UTMB.
1/2009-present	Associate Professor, Ph.D. Graduate Nursing Program, Course Instructor for Advanced Statistics, School of Nursing, UTMB.
5/2009-present	Associate Professor, Ph.D. Graduate Nursing Program, Course Instructor for Quantitative Data Analyses, School of Nursing, UTMB.

RESEARCH ACTIVITIES:

Area of Research

1984	<i>Birth Order Effects on Altruism, <u>Principal Investigator.</u></i>
1988-89	<i>Development of an applied model of flexibility as a component of leadership/managerial performance effectiveness in a national organization, <u>Principal Investigator,</u> Dissertation, University of Texas at Austin, Texas.</i>
1988-89	<i>Development of Theoretical Models Concerning Criminalization of the Mentally Ill, <u>Co-Investigator.</u></i>
1992	<i>The Use of IQ Assessment in Astronaut Candidate Screening and Evaluation, <u>Principal Investigator.</u></i>
1992	<i>How much intervention is enough: A study of low risk certified nurse midwife managed labor and delivery outcomes, <u>Co-Investigator.</u></i>

- 1993-1994 *U.S. Deep Caving Team, 92/93 San Agustin Expedition Psychological Research Project, Co-Investigator.*
- 1994 *Social Behavior, Psychology and Performance During the Canadian Astronaut Program Space Unit Life Simulation (CAPSULS) Mission, Co-Investigator.*
- 1994 *Evaluation of Student Responses to Cultural Sensitivity Exercises in the Role Development Course, Co-Investigator.*
- 1994 *Prejudice Reduction Training: Assessment of Attitude Change Toward Gays, Women and Minorities, Principal Investigator, MH/Adm Department with Dale Robinson, Affirmative Action and The University of Texas Medical Branch School of Nursing.*
- 1997-1998 *Relationship Between Lumbar Range of Motion and Quality of Life enjoyment and Satisfaction Scores in Chronic Low Back Pain Patients, Co-Investigator, UTMB Center for Back Pain.*
- 1998-2000 *Quality of Life Assessment in Surgical Patients with Chronic Back Pain, Principal Investigator, UTMB Center for Back Pain and Dept. of Anesthesiology.*
- 1999 *Relationship of Psychological and Physiological Parameters during a 350 km Arctic Ski Expedition, Co-Principal Investigator, Northern Cross Polar Expedition*
- 1999-2001 *Prevention of CAD in Commercial Airline Pilots, Co-Investigator, Corporate Health Consortium, in collaboration with Stanford University and the United Airlines.*
- 2000-2001 *Assessment of Group Dynamics, Psychological and Physiological Parameters during Polar Winter-Over, Principal Investigator, Norwegian Antarctic Base, Troll, Antarctica.*
- 2000-present *Multicultural Group Dynamics: Longitudinal Multicultural Research Project (LMRP), Principal Investigator, International Space University, Strasbourg, France.*
- 2000 *Comparison of Male and Female Teams in the Australian Outback, Principal Investigator, Funded by 60 Minutes Australia, Sydney, Australia.*
- 2000-2001 *Northern Cross Expedition 2000, Co-Investigator, Exploration Society of Southern Africa.*
- 2001 *Exposure to Various Extreme Environments: A Multisite Case Study, Principal Investigator, Funded by the British Broadcasting Corporation, Great Britain.*
- 2002 *Co-Principal Investigator, Psychosocial Team Dynamics in a Mars Simulation Habitat in the Southwest Desert, Mars Desert Research Station, Mars Society.*
- 2003-2003 *Co-Principal Investigator, The role of group identity and goal alignment on successful group and personal functioning. Eggins, R., Reynolds, K., & Dawson, S. The Australian National University, Mars Desert Research Station, Mars Society.*
- 2004 *Principal Investigator, Physiological and Psychological Responses to High Altitude Challenge in Two Mountain Climbers, Stepanak, J. , Johnson, B., and Snyder, E. , The Mayo Clinic, Rochester, New York. January, 2004, self-funded.*
- 2004 *Co-Principal Investigator, Assessing Group Dynamics in a Mars Simulation, Dawson, S. The Australian National University, Maruff, P. Latrobe University, Melbourne, Australia, May, 2004, self-funded, Mars Desert Research Station, Mars Society.*
- 2004-2005 *Principal Investigator, The Mona Lisa Project/The Leonardo Project: A Comparison of Homogeneous Male and Female Teams in a Mars Simulation, Mars Desert Research Station, the Mars Society, 2005.*
- 2006 *Principal Investigator, Assessing Group Dynamics in a Mars Simulation, FRN06, Crew 43, Mars Desert Research Station, Mars Society, Jan-Feb.*
- 2006 *Principal Investigator, Assessing Group Dynamics in a Mars Simulation, ExBeta, Crew 44, Mars Desert Research Station, Mars Society, Feb, 2006.*
- 2006 *Co-Principal Investigator, Assessing Group Dynamics in a Mars Simulation, AustroMars06, Crew 48, Mars Desert Research Station, Mars Society, University of Salzburg, Austria, Diagnostechs, Inc., USA, Limited Sponsor, April.*
- 2006 *Co-Principal Investigator, Assessing Group Dynamics in a Mars Simulation, NASA/Houghton Mars Research Station (HMP), Alexandre Lasslop, CNES Doctoral Fellow, France, Diagnostechs, Inc., USA, Limited Sponsor, May-August.*

- 2006 Principal Investigator, *Assessing Group Dynamics in a Mars Simulation*, Allner, Crew 52, Mars Desert Research Station, Mars Society, Diagnostechs, Inc., USA, Limited Sponsor, November-December.
- 2007 Principal Investigator, *Assessing Group Dynamics in a Mars Simulation*, Georgia Tech, Crew 60, Mars Desert Research Station, Mars Society, Diagnostechs, Inc., USA, Limited Sponsor, February.
- 2007 Principal Investigator, *Assessing Group Dynamics in a Mars Simulation*, FMARS, Flashline Research Facility, Devon Island, Canada, Mars Society, May-August.
- 2008 Principal Investigator, *Assessing Group Dynamics in Extreme Environments as Analog to Mars*, Canadian High Arctic Geological Team, Aug.
- 2008-2010 Principal Investigator, *The Impact of Stress and Coping on Mental and Physical Health After Hurricane Ike*.

Grant Support

Current

Pending

Past

- 1992 Biostatistical Consultant, *A Comparison of a Qualitative measure and clinical Bottle Feeding Scale for Preterm Infants*, March of Dimes (\$74,825 + Indirects).
- 1993-1994 Biostatistician, *Cervical Dysplasia patient Outcomes by Type of Provider*, Grant No. R03 HS07692-01, Agency for Health Care Policy and Research (\$74,696).
- 1993-1994 Biostatistician, *Assessment of Practice Standards and Services for the Evaluation and Treatment of Cervical Dysplasia*, Texas Cancer Council (\$145,795).
- 1994-1997 Consultant/Information Manager, *Primary Health Care Services in Laredo Colonias*, Robert Wood Johnson and D.D. Hachar Charitable Trust Fund (\$394,972).
- 1995-1996 Co-Applicant, Grant for The Center For Aerospace Medicine and Physiology, Office of the President, UTMB (\$80,000).
- 1996-1997 Grant for The Center For Aerospace Medicine and Physiology, Renewal, Co-Applicant, Office of the President, UTMB (\$100,000).
- 1997-1998 *An Outcome Study of the Psychosocial Recovery of Burned Children*, Biostatistical Consultant, Shriner's Burn Hospital, Galveston (\$99,378).
- 1997-1998 Grant for The Center for Aerospace Medicine and Physiology, Renewal, Co-Applicant, Office of the President, UTMB (\$125,000).
- 1998 *A Multicenter, Placebo and Active Control, Double-blind, Randomized Study of the Efficacy, Safety and Pharmacokinetics of M100907 (10 and 20 mg/day) in Schizophrenic and Schizoaffective Patients (3001)*, Consultant, Psychological Testing and Assessment, Hoechst Marion Roussel/University of Texas Medical Branch, Galveston.
- 1998-1999 Co-Applicant, Grant for The Center For Aerospace Medicine and Physiology, Renewal, Office of the President, UTMB, (\$125,000).
- 1998-2000 Biostatistician/Research Methodologist, *Achieving Optimum Function within Nursing Service-Inpatient*, collaborative multidisciplinary prevention project partnering UTMB Health and Safety Services' Capability Management, Health Promotion and Wellness and Employee Assistance Program with the Division of Preventive, Occupational and Environmental Medicine, UTMB System Funds (\$110,000).
- 1998-2001 Biostatistical Consultant, *Acute Stress Disorder (ASD) and Post Traumatic Stress Disorder (PTSD) in Children: Natural History, Treatment Efficacy, and*

- Predictors Anxiety Disorder Association of America for March, 2001, Shriner's Burn Hospital for Children, Galveston, Texas, 5% FTE.
- 2000-2001 Biostatistical Consultant, "A Multicenter Study of the Psychological Outcomes of Children Burned During Early Childhood, Late Childhood, Adolescence," Shriners Burn Hospital for Children, Galveston, Texas, 5% FTE.
- 2000-2004 Co-investigator, Dr. Rhonda Robert, Junior Faculty Research Grant, "Acute Stress Disorder (ASD) and Post Traumatic Stress Disorder (PTSD) in Children: History, Intervention, and Predictors", December, 2000.
- 2001 Extended Mission Systems Integration Standards For the Human-Environment and Human-Human Interfaces; Principal Investigator, HEDS-CAN 01-01. NASA Collaborative Agreement Notice, \$278,676.67. Not funded.
- 2001 Co-Investigator, Health Promotion and Disease Prevention Research Center, CDCP Program Announcement 01101, not funded.
- 2001-2002 Co-PI/Project Manager, Invited Unsolicited Proposal to NASA Headquarters, Proposal for Development of a Longitudinal Database on Multicultural Group Dynamics Multicultural Research Project (MRP), not funded, \$432,425.
- 2002-2003 Co-Investigator, Graduate Psychology Education (GPE) HRSA Grant for Training Predoctoral Psychologists, Jeff Baker, Ph.D. Principal Investigator.
- 2003-2005 Faculty, Psychological Training Grant, School of Allied Health, UTMB, Galveston, Texas. Jeff Baker, Ph.D. Principal Investigator.
- 2003-2005 Biostatistical Consultant, Impact of Burn Trauma on the Sibling Member of the Family System: Psychosocial Adjustment, Risk/Resistance Factors Effecting Adjustment, and Effect on Sibling Relationships, Melodee Mancuso, Ph.D. Principal Investigator, \$70,000, 5% FTE.
- 2005 Presenter, NASA Travel Award to attend the IAA 15th Humans in Space Conference in Gratz, Austria, May, 15-20, 2005. \$1700.
- 2005 Biostatistical Consultant, Billy Philips, Ph.D., The Cancer Teaching and Curriculum Enhancement in Undergraduate Medicine (CATCHUM) Project, National Cancer Institute. 9/1/05-1/06, 25% FTE.
- 2006-2007 Biostatistical Consultant, Alice Hill, Ph.D., Feeding Practices of Extremely Low Birth Weight Babies, PBL.
- 2008 Biostatistician, Spirituality and Clinical Care, Kay Sandor, GWISH Foundation, Jan. 2008-May 2008, 10% FTE.
- 2007-2008 Biostatistician, Psychoneuroimmunology: Preterm birth in Hispanics R01 2R56NR007891, 20% FTE.
- 2008-2009 Biostatistician, Psychoneuroimmunology: Preterm birth in Hispanics R01 2R01NR007891, 5% FTE.
- 2008-2009 Principal Investigator, The Impact of Stress and Coping on Mental and Physical Health After Hurricane Ike Seed Grant, John Sealy Foundation/School of Nursing, \$10,165.97.
- 2008 Principal Investigator, The Impact of Stress and Coping on Mental and Physical Health After Hurricane Ike, \$1,423,311.00, R01, NIH, December, 2008. Not funded.
- 2008-2009 Biostatistician, Psychoneuroimmunology: Preterm birth in Hispanics R01 2R01NR007891, 20% FTE.
- 2009 Principal Investigator, The Impact of Stress and Coping on Mental and Physical Health After Hurricane Ike, \$1,024,323.00, R01, NIH, Resubmit March, 2009. Scored, Not funded.
- 2009 Principal Investigator, The Impact of Stress and Coping on Mental and Physical Health After Hurricane Ike, \$1,161,392, R01, NIH, Resubmit July, 2009. Scored, Not funded.
- 2009-2010 Principal Investigator, The Impact of Stress and Coping on Mental and Physical Health After Hurricane Ike Assay Seed Grant, John Sealy Foundation/School of Nursing, \$7,105.

- 2008-2012 Biostatistician, Reducing Overweight Among Galveston WIC Participants , GRANT00313519, 4/1/08-3/31/2010, extension through 3/31/2011, 5% FTE.
- 2009 Co-Investigator, Web-based Empowerment Program for Disaster Victims and First Responders, Charles C. Benight, PI, University of Colorado at Colorado Springs, substudy of Tools to Mitigate and Understand the Mental Health Effects of National Disasters: STTR [R41/R42], ~3% FTE.
- 2009-2012 Biostatistician, UTMB Program for Providing Care to Wards of Texas Probate Courts, HRSA, \$750,000, 10% FTE.

COMMITTEE RESPONSIBILITIES:

International

- 1994-1995 Co-Representative, UTMB Center for Aerospace Medicine and Physiology, UTMB/International Space University Affiliate Affairs
- 1995 - Present Point of Contact, University Liaison, UTMB/International Space University Affiliate Affairs, UTMB Center for Aerospace Medicine and Physiology
- 1997-1999 Vice Chair, International Space University (ISU) Affiliate Campuses
- 1998-2003 Member, International Space University Affiliate Bureau
- 1999-2001 Chair, International Space University (ISU) Affiliate Campuses, Voting Member, Board of Trustees and Academic Council
- 2000-2001 Chair, Academic Advisory Board, Board of Trustees, International Space University
- 2003-2006 Member, International Academy of Astronautics Study Group for Psychology and Culture in Long Duration Space Missions.
- 2002-2008 Member, Board of Directors, The Society for Human Performance in Extreme Environments.
- 2006-2008 Vice Chair, International Space University (ISU) Affiliate Campuses.

National

State & Regional

- 1995-1997 Member, Space Institute Consortium
- 1997- 2000 Founding Member, Houston-Galveston Area NASA Consortium of the University of Texas System

The University of Texas Medical Branch at Galveston

- 1998 Consultant, Principles of Service Design Task Force, President's Office
- 1998 Consultant, Professionalism Task Force, President's Office
- 1998-1999 UTMB/UTHHSC/JSC Working Group for the Development of Space Life Science
PhD program
- 1998-1999 UTMB Continuing Medical Education Advisory Committee
- 1998 Conference Co-Chair, 'Pushing the Envelope: Medicine in Challenging Environments IV
- 1999 Consultant, Human Resources, Competency Assessment Questionnaire, UTMB
- 1999 Consultant, Human Resources, Employee Satisfaction Questionnaire, UTMB
- 1999 Consultant, Human Resources, Customer Satisfaction Questionnaire, UTMB

School of Nursing

1992-1993	Member, Undergraduate Curriculum Council
1992-1993	Participant, Thesis Workshop, School of Nursing
1993-1994	Chair, Faculty Affairs Committee
1993-1994	Chair, Graduate Council Bylaws Revision Committee
1993-1994	Chair, Poster Selection Committee, HIV/AIDS, Paradox in Practice Conference, Center for Nursing Ethics
1993-1994	Member, Advisory Council, Center for Nursing Ethics
1993-1994	Member, Sigma Theta Tau Abstract Selection Committee
1994 -1995	Member, Faculty Affairs Committee
1994-1995	Member, NCLEX Task Force
1994-1995	Ex-Officio Statistical Consult, Graduate Program Evaluation Committee
2009-2011	Member, Evaluation Committee, Nursing PhD Program

Graduate School of Biomedical Sciences

1992-1993	Member, Graduate Curriculum Council, School of Nursing
1993-1996	Member, Curriculum Committee, Space Medicine Fellowship
1992-2000	Special Member, Graduate School of Biomedical Sciences, UTMB
2000-2005	Associate Member, Graduate School of Biomedical Sciences, UTMB
2005-present	Member, Graduate School of Biomedical Sciences, UTMB

School of Medicine

1993-1996	Member, Space Medicine Selection Committee, Space Medicine Fellowship
2002-present	Member, Steering Committee for School of Medicine Medical Student Honors Program.

Department

1995-1996	Member, Department of Preventive Medicine and Community Health, Clinical Preventive Medicine, Aerospace Preventive Medicine Residency Task Force
1996-2008	Member, Department of Preventive Medicine and Community Health, Clinical Preventive Medicine, Preventive Medicine Residencies Committee
1996-present	Member, Department of Preventive Medicine and Community Health, Clinical Preventive Medicine, Residency Advisory Committee (RAC), Aerospace Medicine Residency Program.
1996-present	Member, Residency Advisory Committee (RAC), General Preventive Medicine Residency Program.
2003-present	Member, Masters of Public Health Advisory Committee, Department of Preventive Medicine and Community Health.
2003-2005	Member, Department of Preventive Medicine and Community Health Committee for CEPH Response.
2003-present	Steering Committee, Space Life Science curriculum, Department of Preventive Medicine and Community Health.
2005-present	Admissions Committee, Space Life Science curriculum, Department of Preventive Medicine and Community Health.
2005-2008	Curriculum Director, Space Life Science curriculum, Department of Preventive Medicine and Community Health.
2004-2005	Member, Comprehensive Examination Committee, Department of Preventive Medicine and Community Health, PhD Curriculum.
2005-2006	Chair, Comprehensive Examination Committee, Department of Preventive Medicine and Community Health, PhD Curriculum.

2007 Member, Comprehensive Examination Committee, Steve Fisher, Department of Preventive Medicine and Community Health, PhD Curriculum.

Other

Support Services

1995-1996 Member, Collaborative Organizational Design, Health and Safety Services, Preventive, Environmental and Occupational Medicine

1995-1996 Member, Disability Management and Prevention: Team 2, Health and Safety Services

1995-1996 Member, Human Resources Committee, Preventive, Occupational and Environmental Medicine

1995-1996 Chair, Outcomes Development Committee, Preventive, Occupational and Environmental Medicine

1998 HSS/POEM Representative, Measurement Task Force, Collaborative Reorganizational Design, Support Services

1995-2001 HSS/POEM Leadership Committee

1999-2001 Corporate Health Consortium, Grants and Research

A. TEACHING RESPONSIBILITIES AT UTMB:

a. Teaching:

School of Medicine (SOM):

1995-1996 Alternate Group Facilitator, Epidemiology/Biostatistics Small Groups, Preventive Medicine and Community Health, School of Medicine, 3 credit hours

1996-1999 ICEE & ILT, Faculty Examiner, Basic Sciences

2000-2001 ICEE, Faculty Examiner, Basic Sciences

2002 Problem Based Learning, Cardiovascular and Pulmonary, June-Sept.

1996 Speaker, *To Boldly Go Where Few Women Have Gone Before: Gender Differences in Space*, Family Medicine Grand Rounds, University of Texas Medical Branch, Galveston, Tx. Sept. 11

School of Allied Health Sciences (SAHS):

1992 Guest Lecturer, Health Administration, School of Allied Health, 3 credit hours

1996 Guest Lecturer, Statistical Short Course for UTMB Occupational Therapy Work Programs, Department of Rehabilitation and Allied Health Sciences

School of Nursing (SON - Undergraduate):

1992 Guest Lecturer, Introduction to Epidemiology, Community Health, Nurse Practitioner Outreach Program, Lamar, Tx., School of Nursing, 3 credit hours

1992 Guest Lecturer, Clinical Research, Adult Health, School of Nursing, 3 credit hours

1993 Guest Lecturer, Primary Health Care Research, WHO Collaborating Center in Nursing, School of Nursing, 3 credit hours

Graduate School (GSBS):

1992-1994 Fundamentals of Research II, Master Program, School of Nursing, 3 credit hours

1993 Guest Lecturer, UTMB Psychology Internship Program, School of Allied Health, 3 credit hours

1993-1994 Fundamentals of Research I, Master Program, School of Nursing, 3 credit hours

- 1993-1996 Research Design & Analyses, Space Medicine Fellowship, Master of Medical Science Program, 3 hours (unaccredited)
- 1996-1998 Seminar in Space Life Science Research Design I, Master of Science Program, Aerospace Medicine Residency, Preventive Medicine and Community Health, School of Medicine, 3 credit hours
- 1996-1998 Seminar in Space Life Science Research Design II, Master of Science Program, Aerospace Medicine Residency, Preventive Medicine and Community Health, School of Medicine, 1 credit hour
- 1999 Seminar in Life Science Research Design and Analyses I, Master of Science Program, Preventive Medicine Residencies & OB-GYN Fellowship, Preventive Medicine and Community Health, School of Medicine, Summer Semester, 3 credit hours
- 1999 Seminar in Life Science Research Design and Analyses II, Master of Science Program, Preventive Medicine Residencies & OB-GYN Fellowship, Preventive Medicine and Community Health, School of Medicine, Fall Semester, 1 credit hour
- 2000-2001 Introduction to Research Design and Methodology, Core Course, Preventive Medicine and Community Health, School of Medicine, Spring semester, 4 credit hours
- 2001 Invited Lecturer, *Evaluating Teams in Extreme Environments: Polar and Desert Expeditions*, Health Behavior, Sociomedical Sciences, Department of Preventive Medicine and Community Health, Nov. 28, 2001.
- 2002 Invited Lecturer, *Surviving the Australian Outback: Teams in Extreme Environments*, Introduction to Aerospace Medicine, Department of Preventive Medicine and Community Health, Aerospace Residency Program, July, 2002.
- 2002 Guest Lecturer, *Psychosocial Issues in Extreme Environments*, Introduction to Aerospace Medicine, UTMB/NASA Aerospace Medicine Residency Program, July.
- 2002-2007 Research Design, Methods, and Practices in Prevention and Public Health, Core Course, Preventive Medicine and Community Health, School of Medicine, Spring Semester, 2 credit hours
- 2003 Invited Lecturer, *Evaluating Teams in Extreme Environments: Deep Caving, Polar, and Desert Expeditions*, UTMB/PMCH Seminars, January.
- 2003 Guest Lecturer, *Psychosocial Issues in Extreme Environments*, Introduction to Aerospace Medicine, UTMB/NASA Aerospace Medicine Residency Program, July.
- 2004 Univariate Statistics GNRS 6344, Ph.D. School of Nursing Program, Spring Semester, 3 credit hours.
- 2004 Multivariate Statistics GNRS 6349, Ph.D. School of Nursing Program, Summer Semester, 3 credit hours.
- 2004 Concepts of Knowledge, Master of Science Program, Occupational Therapy, School of Allied Health, Fall Semester, 3 credit hours.
- 2005 Univariate Statistics GNRS 6344, Ph.D. School of Nursing Program, Spring Semester, 3 credit hours.
- 2006 Invited Lecturer, *Psychosocial Issues in Space Flight*, Introduction to Aerospace Medicine, Department of Preventive Medicine and Community Health, Aerospace Residency Program, August, 2006.
- 2007 Invited Lecturer, *Psychosocial Issues in Space Flight*, Introduction to Aerospace Medicine, Department of Preventive Medicine and Community Health, Aerospace Residency Program, August, 2007.

- 2008 Univariate Statistics GNRS 6344, Ph.D. School of Nursing Program, Spring Semester, 3 credit hours.
- 2008 Multivariate Statistics GNRS 6349, Ph.D. School of Nursing Program, Summer Semester, 3 credit hours.
- 2009 Advanced Statistics GNRS 6402, Ph.D. School of Nursing Program, Spring Semester, 4 credit hours.
- 2009 Quantitative Data Management GNRS 6361, Ph.D. School of Nursing Program, Summer Semester, 3 credit hours.

b. Students/Mentees/Advisees/Trainees:

Post-doctoral fellows:

- 2005-2006 Faculty Advisor, Rosalie Diaz, Psy. D., Postdoctoral Fellowship Research Project, A review of patients' coping skills undergoing medical evaluation, Jeff Baker, Ph.D., Faculty Mentor.

Ph.D. students:

- 1993 Advisory Member, Carmen Lira Flores, Ph.D., University of Houston Dissertation Committee, University of Texas Medical Branch Psychology Internship Program, School of Allied Health.
- 1993-1994 Advisory Member, David P. Walling, Ph.D., Topic: Self-Concept in High Achieving Women: A Comparison of Medical and Nursing Educators. University of Southern California, Dissertation Committee, University of Texas Medical Branch Psychology Internship Program, School of Allied Health.
- 1994 Advisory Member, Rhonda Robert, Ph.D., University of North Texas Dissertation Committee, University of Texas Medical Branch Psychology Internship Program, School of Allied Health.
- 1995 Advisory Member, Bets Schmidt, Ph.D., Auburn University Dissertation Committee, University of Texas Medical Branch Psychology Internship Program, School of Allied Health.
- 1995 Advisory Member, Margaret Berton, Ph.D., Texas Woman's University Dissertation Committee, University of Texas Medical Branch Psychology Internship Program, School of Allied Health.
- 1997 Advisory Member, Laura Rosenberg, Ph.D., University of Wisconsin Dissertation Committee, University of Texas Medical Branch Psychology Internship Program, School of Allied Health.
- 1997 Advisory Member, Marta Rosenberg, Ph.D., University of Wisconsin Dissertation Committee, University of Texas Medical Branch Psychology Internship Program, School of Allied Health.
- 1997 Advisory Member, Shannon Glen, Ph.D., University of North Texas Dissertation Committee, University of Texas Medical Branch Psychology Internship Program, School of Allied Health .
- 1998-2001 Advisory Member, Melanie Mancuso, Ph.D. Topic: Sibling Adjustment to Burn Trauma, University of Houston Dissertation Committee, University of Texas Medical Branch Psychology Residency Program, School of Allied Health .
- 1998-1999 Advisory Member, Vera Gonzales, Ph.D. Topic: Adjustment to Chronic Pain: Attitudinal Sources of Variability, University of Houston, University of Texas Medical Branch Psychology Residency Program, School of Allied Health.
- 1998-1999 Advisory Member, Charles Klein, Ph.D., Topic: The Impact of Organizational Commitment on Moral Reasoning; United States International University.

- 2002 Advisory Member, Jeffery Rush, Ph.D. University of Texas Medical Branch Psychology Internship Program, School of Allied Health, June, 2002.
- 2006-2007 Statistical Advisor, Dana Bjarnson, Belief Systems and Patient Care: An Examination of the Relationship between Nurse Religiosity and Perceived Self-Efficacy at the End of Life, University of Texas Medical Branch, School of Nursing, in progress.
- 2006-2007 Statistical Advisor, Elisabeth Gressle, The Relationship of Psychosocial Factors and Adherence to Diet and Exercise in Adults with Type 2 Diabetes: A Test of a Conceptual Model Integrating Stages of Change and the Health Belief Model, University of Texas Medical Branch, School of Nursing, in progress.
- 2006-2007 Statistical Advisor, Leah Best, Linkages between intracardiac and intrapulmonary *shunting* and *oxygenation* measures in neonates in acute hypoxic respiratory failure, University of Texas Medical Branch, School of Nursing, in progress.
- 2006-2007 Statistical Advisor, Thom Mendez, Family Cohesion, Mastery and Acculturation as Predictors of Depression in Pregnant Hispanic Women, University of Texas Medical Branch, School of Nursing.
- 2007 Statistical Advisor, Robert Hanks, Protective Nursing Advocacy Behavior Scale, University of Texas Medical Branch, School of Nursing.

Master's students:

- 2000 Faculty Mentor, Anis Bouabene, M.D., International Space University Visiting Masters student, Co-mentor – Dr. Oscar Boultinghouse, ED, Topic: Applications of Telemedicine to Long-Duration Space Missions (working title).
- 2003 Faculty Mentor, Sarita Dara, M.D., International Space University Visiting Masters student, Co-mentor – Shawn D. Newlands M.D., Ph.D., M.B.A., Associate Professor, Department of Otolaryngology, University of Texas Medical Branch, Topic: Gerbils, Brain and Space.
- 2004 Faculty Mentor, Kelly Bunzeluk, M.S., International Space University Visiting Masters student, Topic: Assessing Group Identity in a Simulated Mars Environment.
- 2004-2005 Advisor Member, Breeze T. O'Briant, B.A. The Effects of Gender, Identity Salience and Family Demographics on Job Performance, Master's of Industrial/Organizational Psychology, Walden University, May 2005.
- 2005 Faculty Co-Mentor, Anis Karim, M.D., International Space University Internship. Topic: Vestibular compensation and tetrodotoxin lesions of the vestibular labyrinth, Galan Kaufman, Shawn Newlands, Supervising Mentors.
- 2006 Faculty Co-Mentor, Vladamir Ivkovic, M.D., International Space University Internship. Topic: Electrotactile Stimulation of the Tongue – Sensory Substitution for Balance Control, Bill Paloski, Katey Forth, Jacob Bloomberg.

Undergraduate students:

c. Chair/Member of Ph.D. Supervisory Committee for:

- 2003-present Chair, Curriculum Advisory Committee, Mary Van Baalen, MS., Solar Particle Event Simulation of Shielding and Cell Survival, Preventive Medicine and Community Health, Space Life Sciences, Graduate School of Biomedical Sciences, in progress.
- 2004-2005 Member, Ernestine Cuellar, RN, MSN, APRN, BC. Mothers' perceptions of their preterm infants' behavioral state following a feeding intervention. Ph.D. in Nursing, Graduate School of Biomedical Sciences, December, 2005.
- 2004-2008 Member, Robert L. Massey, MS, RN, CNA. The Effects of Rocking (induced relaxation) on Postoperative Ileus Duration, Subjective Pain, and Time to Discharge Following Abdominal Surgery, Ph.D. in Nursing, Graduate School of Biomedical Sciences, in progress.
- 2005-2006 Member, Martha Acosta, Falls in an Elderly Mexican American Population, Rehabilitation Sciences, School of Allied Health Sciences, Graduate School of Biomedical Sciences, Dec. 2006.
- 2007-2008 Member, Leah Best, Linkages between intracardiac and intrapulmonary *shunting* and *oxygenation* measures in neonates in acute hypoxic respiratory failure, University of Texas Medical Branch, School of Nursing, August 2008.
- 2006-2008 Member, Jennifer Kelly, Comparison of Stress Measurements and Allostatic Load in Different Cultural Groups of Pregnant Black Women, Ph.D. in Nursing, Graduate School of Biomedical Sciences, August 2008.
- 2006-2009 Member, Karen O'Brien, Nursing Students' Utilization of Personal Digital Assistants, Ph.D. in Nursing, Graduate School of Biomedical Sciences, May, 2009.
- 2010 Chair, Veronica Jammer, A Comparison of Traditional Face-to-Face and Hybrid Pediatrics and Obstetrical Nursing Curriculums, in progress.

Chair/Member of Masters Thesis Supervisory Committee for:

- 1992 Member, Langtrom, Pamela L., R.N., M.S.N. Topic: The Mentor-Protege Relationship and Its Influence on Job Satisfaction of Staff Nurses. Master of Nursing, School of Nursing
- 1993 Member, Rich, Mary, R.N., M.S.N. Topic: Incidence of Hypothermia in Post Anesthesia Care Unit. Master of Nursing, School of Nursing
- 1993-1997 Member, Marshburn, Thomas, H., M.D. Topic: Electrical Stimulation of the Utricle and Immediate Early Gene Expression in the Vestibular and Olivary Nuclei of the Gerbil. Space Medicine Fellowship, Master Thesis in Medical Science, Graduate School of Biomedical Sciences
- 1993-1999 Member, Patterson, Terrance. M.D. Topic: A Pilot Study of the Effect of Betaxolol Hydrochloride Ophthalmic Solution on Intraocular Pressures During Parabolic Flight. Space Medicine Fellowship, Master Thesis in Medical Science, Graduate School of Biomedical Sciences, May, 2000.
- 1994 Member, Al-Kuwaiti, Badryia, R.N., M.S.N., Topic: A Study of Bahraini Pregnant Women's Beliefs and Knowledge about Cesarean Birth. Master of Nursing, School of Nursing
- 1994 Member, Devaughn, Sheila, D., R.N., M.S.N., C.E.N. Topic: The Relationship Between Hypothermia and Injury Severity in Trauma Patients. Master of Nursing, School of Nursing
- 1995-1996 Member, Harris, Jr., Bernard, M.D., F.A.C.P. Topic: The Development of Physical Diagnostic Technique for Space. U.S. Astronaut, Master Thesis in Medical Science, Graduate School of Biomedical Sciences

- 1995-1996 Member, Rei Uda, M.S. Topic: Influence of Different Language, Culture and Nationality among Team Members on Space Missions and Projects: A Survey of Space Professionals and Students. Master of Space Science, International Space University, Stasbourg, France
- 1996-2003 Chair, Patricia C. Hilliard, M.D. Topic: A Comparison of Strength Gain Following Three Combinations of Eccentric and Concentric Muscle Training. Space Medicine Fellowship, Master Thesis in Medical Science, Graduate School of Biomedical Sciences, May, 2003. Posthumously Awarded.
- 1997 Member, Rossum, Alfred C., M.D. Topic: Evaluation of Cardiac Rhythm Disturbances During Extravehicular Activity. Space Medicine Fellowship, Master Thesis in Medical Science, Graduate School of Biomedical Sciences
- 1997-1998 Member, Jeffrey A. Jones, M.D. Topic: The Use of the Telemedicine Instrumentation Pack and Telemedicine Surgical System to Push the Envelope of Health Care Delivery for Remotely Stationed Crews and Crews in Sustained Microgravity. Aerospace Medicine Residency, Master Thesis in Preventive Medicine and Community Health, Graduate School of Biomedical Sciences
- 1998-2000 Member, James P. Locke, M.D. Topic: Motion Sickness and the Prophylactic Treatment Effects of 5-HT₁ Receptor Antagonists. Aerospace Medicine Residency, Master Thesis in Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, May, 2000.
- 1999-2000 Chair, Peter Nguyen, M.D. Topic: Compliance in HIV Positive Prisoners (working title), General Preventive Medicine Residency, Master Thesis in Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, May, 2000.
- 1999-2003 Chair, Steven Hart, M.D. Topic: Physiologic Pressure and Flow Changes During Parabolic Flight, Aerospace Medicine Residency, Master Thesis in Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, incomplete.
- 1999-2001 Chair, Kira Bacal, M.D., Ph.D. Topic: Potentially Disabling Neurovestibular Symptoms Experienced Following Space Flight, Aerospace Medicine Residency, Master Thesis in Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, August, 2001.
- 2000-2001 Member, Charles Brady, M.D. Topic: Study of the Reliability of High Frequency Radio Communications in an Extreme Environment. Aerospace Residency Program, Master Thesis in Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, August, 2001.
- 2000-2001 Chair, Osamu Tokumaru, M.D. Topic: Effects of Acupressure on Gastric Myoelectrical Activity in Humans, Graduate Student/International Participant, Aerospace Residency Program, Master Thesis in Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, August, 2001.
- 2000-2001 Member, Brian Arenare, M.D., MBA The Epidemiology of Aviation Fatalities: A Review of Human Factor Contribution to Fatal Rotorcraft Accidents from 1985-1999, Master Thesis in Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, August, 2001.
- 2000-2001 Chair, Jan Stepanak, M.D. Topic: Influence of Hypobaric Hypoxia on the Human Sense of Smell, Aerospace Residency Program, Master

- Thesis in Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, May, 2002.
- 2000-2002 Chair, Sean Roden, M.D. Topic: Flight and Duty Time Limitations for Commercial Aerospace Crewmembers, Aerospace Residency Program, Master Thesis in Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, December, 2002.
- 2001-2003 Chair, Stevan Gilmore, M.D. Topic: Genetic Screening and Space Work Environment: Ethical Considerations for Development of an Operational Screening Program, Capstone Project, Master of Public Health, Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, May 2003.
- 2003-2003 Chair, Bascom Bradshaw, D. O. Topic: A Review of Medical Error Education I Osteopathic Undergraduate Medical Education, Capstone Project, Master of Public Health, Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, August, 2003.
- 2003-2004 Chair, Dale Gatlin, M.D. Topic: Should US Army Aviators be Allowed to Fly with Well Controlled mild to Moderate Asthma?, Capstone Project, Master of Public Health, Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, May, 2004.
- 2003-2004 Chair, Scott McClellan, M.D. CPT, MC, FS. Topic: Responding to the Severe Acute Respiratory Syndrome Epidemic: A Comparative Account of Public Health Strategies in China, Canada, and the United States. Capstone Project, Master of Public Health, Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, August, 2004.
- 2003-2004 Chair, Scott Salmon, M.D. MAJ, MC, FS. Topic: The Dangers of Ephedra-class Supplements and their Detrimental Effects on Endurance in Athletic and Military Settings. Capstone Project, Master of Public Health, Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, August, 2004.
- 2003-2004 Chair, Bradford Ashley, MD, MS. Topic: Use of Computerized Neurocognitive Assessment Tools to Evaluate Pilots Being Treated with SSRIs. Capstone Project, Master of Public Health, Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, August, 2004.
- 2003-2004 Chair, Patrick Birchfield, DO, CPT, MC, FS. Topic: A comparison of bioterrorism training and readiness for National Guard Units. Capstone Project, Master of Public Health, Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, August, 2004.
- 2003- 2004 Member, Christian Otto, M.D., Topic: Telemedicine in Extreme Environments: Case Study of Winter-Over in Antarctica. Master of Medical Science, Space Life Science Training Emphasis, Graduate School of Biomedical Sciences, August, 2004.
- 2004-2005 Chair, David Romaine, D.O., The Intersection of the Built Environment and Public Health: A Primer for Community-Oriented Public Health Providers, Master of Public Health, Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, August 2005.
- 2004-2007 Chair, John Taylor, M.D., Promoting Awareness for Risk Factors for Diabetes in Hispanic Communities Using Community Leaders, Master of Public Health, Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, Leave of Absence, Jan. 2007.
- 2005-2007 Chair, Sean Hollenbeck, Topic: Disaster Relief: Fatigue and Countermeasures, Master of Public Health, Preventive Medicine and

- Community Health, Graduate School of Biomedical Sciences, August, 2007.
- 2005-2006 Chair, Eric Kesterman, Topic: Cognitive and Psychomotor impairment from the Use of Opioid Analgesics: Effects of Driving and Occupational Activities. Master of Public Health, Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, August 2006.
- 2006-2007 Chair, Harlan Walker, M.D., MPH, Topic: Reducing Pilot Errors and Mishaps, Master of Public Health, Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, August, 2007.
- 2005-2008 Chair, Andy Davenport, Topic: Pilot Physician program for the National Guard, Master of Public Health, Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, August 2008.
- 2006-2008 Chair, Yael Barr, M.D., MPH, Publication in Lieu of Capstone: The risk and management of breast cancer for space exploration, accepted for publication by The Journal of Aviation and Space Medicine, August, 2008.
- 2006-2008 Chair, Jon Riccitello, M.D., MPH, Topic: 'ICE' Awareness among local EMS Personnel, Master of Public Health, Preventive Medicine and Community Health, Graduate School of Biomedical Sciences, August 2008.

d. External Reviewer of Ph.D. dissertation of:

External Reviewer of Masters Thesis for

- 1993 Advisory Member, Dora Elia Silva Luna, Master of Science, Universidad de Autonoma de Nuevo Leon, School of Nursing, Monterey, Mexico. Topic: Factors Related to Compliance with Treatment for Abnormal Paps.

B. TEACHING RESPONSIBILITIES AT OTHER UNIVERSITIES

AT THE INTERNATIONAL SPACE UNIVERSITY:

- 2001 Co-Chair, Space and Society Dept, 2001 Summer Session, Bremen, Germany, Aug. 12-Sept. 2, 2001
- 2002 Co-Chair, Life Sciences Department, 2002 Summer Session, Pomona, California, July-Aug, 2002.
- 2003 Co-Chair, Life Sciences Department, 2003 Summer Session, Strasbourg, France, July-Aug., 2003.
- 2004 Co-Chair, Life Science Department, 2004 Summer Session, Adelaide, Australia, July-Aug. 2004.
- 2005 Co-Chair, Life Science Department, 2005 Summer Session, Vancouver, Canada, July-Aug. 2005.
- 2006 Co-Chair, Life Science Department, 2006 Summer Session, Strasburg, France, July-Aug., 2006.
- 2008 Faculty Lecturer, Life Science Department, 2008 Space Science Summer Session, Barcelona, Spain, July-Aug. 2008.
- 2009 Faculty Lecturer, Life Science Department, 2009 Space Science Summer Session, NASA-Ames, California, USA, July-Aug. 200.

MEMBERSHIPS IN SCIENTIFIC/PROFESSIONAL ORGANIZATIONS:

American College of Forensic Examiners
 American Psychological Association
 American Psychological Society
 Aerospace Medical Association
 International Design for Extreme Environments Association, Founding Member (1992)
 Southwest Psychological Association
 The Society for Behavioral Medicine
 The Society for Human Performance In Extreme Environments, Founding Member (1995)
 OPS-Alaska, Senior Consultant

HONORS/AWARDS:

1997 Diplomat, American Board of Forensic Examiners, December
 1998 Diplomat, American Board of Psychological Specialties, October

ADDITIONAL INFORMATION:Editorial Board

1997-Present Senior Associate Editor and Editorial Board Member, Human Performance in Extreme Environments, Society for Human Performance in Extreme Environments
 1998-present Contributing Editor and Editorial Board Member, Space Medicine, International Journal of Earth Science, Life Support and Biosphere Science

Journal Reviewer for:

1998-Present Aviation, Space & Environmental Medicine
 2005 Astra Astronautica
 2008-present Journal of the British Interplanetary Society

Grant Reviewer for

2002, 2005 Grant Submissions, Life Sciences Directorate, Canadian Space Agency

Professional Skills (i.e. Faculty mentor, professional development endeavors)

UTMB Faculty Development Seminar: Getting Published Mar. 31, 2008

"Applied Structural Equation Modeling" Joint Program on Survey Methodology, University of Maryland, University of Michigan and Westat. May 20-21, 2008.

OtherConsultantships:

1987-1988 Data Analyst, City of Austin, Texas. Austin Homeless Research Project
 1989-90 Data Analyst, The Resource Group, Austin, Texas. Houston Homeless Project
 1989-90 Grants, research design & analysis, Darlene Martin, Ph.D., R.N., School of Nursing, University of Texas at Austin.
 1989 Member, Psychological Requirements Panel, AAS/NASA Human Factors Workshop, Houston, Texas
 1989-1990 Member, Human Performance Working Group, NASA/JSC, Behavioral Laboratory

- 1991 Member, Human-Computer Interface Working Group, University of Houston-Clear Lake
- 1992 Biostatistical Consultant, “Women’s Health Issues: A Needs Assessment,” Rita Casio, Ph.D., B.J. Landis, Ph.D. & Donna Morris, DrPH.
- 1994 Psychometrician, “Continuous Process Improvement Assessment.” Department of OB-GYN Nursing, UTMB, Carolyn Nelson-Becker, Director, October-December
- 1997 Expert Witness, Texas Board of Workman’s Compensation, August
- 1998 Behavioral Scientist, ISU-IACSA, Italian Affiliate Campus for Space Architecture, Design for Italian Antarctica Research Base
- 1998 Biostatistical Consultant, “A New Method to Improve Treatment Outcomes for Radical Retropubic Prostatectomy,” J. Jones, M.D., FACS, NASA-JSC, J. of Prostate Cancer and Prostate Disease.
- 1998 Biostatistical Consultant, “Human and Behavioral Factors Contributing to Spinal-Based Neurological Cockpit Injuries in Pilots of High Performance Aircraft-Recommendations for Management and Prevention,” J. Jones et al, NASA-JSC, submitted to Military Medicine.
- 2003 Life Science Content Expert, Documentary: “Walking with Astronauts” Impossible Pictures, United Kingdom.
- 2003-2005 Biostatistical Consultant, “Impact of Burn Trauma on Siblings,” Shriners Burn Hospital for Children, Galveston, Texas.
- 2004 Biostatistical Consultant, School of Nursing, University of Texas Medical Branch, Galveston, Texas.
- 2005 Biostatistical Consultant, David P. Walling, Ph.D., Collaborative NeuroScience Network, Inc.
- 2006 Biostatistical Consultant, David Walling, Ph.D. Collaborative NeuroScience Network, Inc, Biostatistical analyses for research project, 2/06-5/06.
- 2005-2007 Biostatistical Consultant, Alice Hill, PhD, PBL, 20 hours, 6/06-8/06.
- 2005 Content Expert, Cameleon TV, Mars Simulation show for television, 5/05-6/05.
- 2006-2007 Life Science Content Expert, 4Frontiers, Inc, Mars Base Design Project, 10/06-7/07.
- 2006 Life Science Content Expert, Milne Hanke, German Science Writer, Gehirn & Geist (journal for psychology and brain research), Interview, 2/2007.
- 2007 Life Science Content Expert, Alan Zarembo, Science Writer, The Los Angeles Times, Interview, 2/2007.
- 2007 Life Science Content Expert, Emilie Martin, Ciel et Espace, Interview, 2/2007.
- 2007 Life Science Content Expert, Constance Holden, Science Magazine, Interview, 2/2007.
- 2007 Life Science Content Expert, Ontario Science Center, The Challenge of Mars, Interactive Exhibit, 4/07-5/07.
- 2007 Life Science Content Expert, Richard Dindo, Interview for new film, 6/07-8/07.
- 2007 Life Science Content Expert, Chinami Inaishi, Women and Men, NHK Japan Broadcasting Corporation, Interview, 9/2007.
- 2007 Life Science Content Expert, GalaFilms, Mars Rising, aired 9/23/2007, Discovery Channel.
- 2007 Life Science Content Expert, GalaFilms, Race to Mars, aired 9/23/2007, Discovery Channel.

- 2007-2008 Life Science Content Expert, 4Frontiers, Inc, Educational Video Series on Mars, 6/07-4/08.
- 2008 Life Science Content Expert, Paul Parsons, Sex in Space, Focus Magazine, Interview, 4/2008.
- 2008 Life Science Content Expert, 4Frontiers, Inc, Mars Base I Reality Show, 3/08-present.
- 2008 Life Science Content Expert, Flight33 Productions, History Channel documentary, 6/08-7/08.

PUBLISHED:**A. ARTICLES IN PEER-REVIEWED JOURNALS:**

1. Hill, A., Bishop, S. and Malloy, M. Introduction of Solid Foods to African-American and Anglo-American Low Birthweight and Full-Term Infants. *The ABNF Journal*, Sept.-Oct., 1995.
2. Dott, S., Walling, D., Bishop, S., Bucy, J., & Folkes, C. , The Efficacy of Short-Term Treatment for Improving Quality of Life: A Pilot Study. *Journal of Nervous and Mental Disease*, Vol. 184:8, 1996, pp 507-509.
3. Bishop, S. and Walling, D. The Emperor's Clothes: Assessing the Validity of the Tennessee Self Concept Scale. *Educational and Psychological Measurement*, Vol.57:1, 1997, pp 150-163.
4. Bishop, S., Santy, P. and Faulk, D. The Use of IQ Assessment in Astronaut Screening and Evaluation. *Aviation, Space and Environmental Medicine*, Vol. 67:12, 1996, pp 1130-1137.
5. Harris, Jr., B., Billica, R., Bishop, S., Blackwell, T., Layne, C.S., Harm, D.L., Sandoz, G.R. and Rosenow, III, E. Physical Examination during Space Flight. *Mayo Clinic Proceedings*, 72: 301-308, 1997.
6. Rossum, A.C., Wood, M.L., Deblock, H., Charles, J.B., and Bishop, S. Evaluation of Cardiac Rhythm Disturbances during Extravehicular Activity. *American Journal of Cardiology*, 1997 Apr 15;79(8):1153-5
7. Morris, D.L., McLean, C.H., Bishop, S.L., and Harlow, K.C. A Comparison of the Evaluation and Treatment of Cervical Dysplasia by Gynecologists and Nurse Practitioners. *The Nurse Practitioner*, 23(4): 101-114, April, 1998.
8. Bishop, S.L., Santy, P.A., and Faulk, D. Team Dynamics Analysis of the Huautla Cave Diving Expedition: A Case Study. *Human Performance and Extreme Environments*, 1(3), September, 1998, 34-41.
9. Bishop, S.L., Walling, D.P., Dott, S.G., Folkes, C.C. and Bucy, J. Refining Quality of Life: Validating a Multidimensional Factor Measure in the Severe Mentally Ill. *International Journal of Quality of Life Research*, 8(1/2): 151-160, 1999.
10. Robert, R., Meyer, W., Bishop, S., Rosenberg, L., Murphy, L. and Blakeney, P. Disfiguring Burn Scars and Adolescent Self-Esteem. *Burns*, 25(7): 581-585, 1999.
11. Bishop, S.L., Santy, P.A. and Faulk, D. When Teams Fail: A Case Study of the Huautla Deep Caving Expedition, *Society of Automotive Engineers*. 29th International Conference on Environmental Systems (ICES), 1999.
12. Bishop, S.L. and Eckart, P., Humans Living and Working in Space - The Interrelated Aspects of Physiology, Psychology, Human Factors and Life Support, *Society of Automotive Engineers*, 29th International Conference on Environmental Systems (ICES), 1999.
13. Bishop, S. L., Grobler, L. C. and Schjøll, O. Relationship of Psychological and Physiological Parameters during a 350 km Arctic Ski Expedition: A Case Study, *Acta Astronautica*, Vol. 49, No. 3-10, pp. 261-270, 2001.
14. Dudley-Rowley, M., Whitney, S., Bishop, S. , Caldwell, B. and Nolan, P. D. Crew Size, Composition and Time: Implications for Habitat and Workplace Design in Extreme Environments, *Society of Automotive Engineers*, 30th International Conference on Environmental Systems (ICES), 2001.

15. Bishop, S. Evaluating Teams in Extreme Environments: Deep Caving, Polar and Desert Expeditions, *Society of Automotive Engineers*, 32nd International Conference on Environmental Systems (ICES), San Antonio, Texas, USA, July 2002
16. Hilliard-Robertson, P., Schneider, S., Bishop, S., Guilliams, M., Strength Gains Following Different Combined Concentric and Eccentric Exercise Regimens, *Journal of Aviation, Space and Environmental Medicine*, 74:342-347, 2003.
17. Bacal, K., Billica, R. and Bishop, S., Neurovestibular Symptoms Following Space Flight, *Journal of Vestibular Research*, Vol. 13, Number 2-3, pp. 93-102, 2003.
18. Mancuso, M.G., Bishop, S., Blakeney, P., Robert R., & Gaa, J. Impact on the Family: Psychosocial Adjustment of Siblings of Children Who Survive Serious Burns. *Journal of Burn Care and Rehabilitation*. March 24(2): 110-118, 2003.
19. Bishop, S. Evaluating Teams in Extreme Environments: From Issues to Answers, International Space Life Sciences Working Group (ISLSWG) Group Interactions Workshop, *Journal of Aviation, Space and Environmental Medicine*, July, Vol. 75, no. supplement 1, pp. C14-C21(1), 2004.
20. Bishop, S.L., Dawson, S., Rawat, N., Reynolds, K., Eggins, R., and Bunzelek, K. Assessing Teams in Mars Simulation Habitats: Lessons Learned from 2002-2004, Jonathan D. Clarke (Ed), *American Astronautical Society's Science and Technology* series, Invited Papers, Vol. 111, pp. 177-196, 2006.
21. Bishop, S. L. Psychological and Psychosocial Health and Well-Being at Pole Station, Charles S. Cockell (ed), *Project Boreas: A Station for the Martian Geographic North Pole*, British Interplanetary Society, 2006, pp 160-171.
22. Snyder, Eric M., Stepanek, Jan, Bishop, Sheryl L., and Johnson, Bruce D. Ventilatory Responses to Hypoxia and High Altitude During Sleep in Aconcagua Climbers. *Wilderness and Environmental Medicine*. 2007, June; 18(2): 138-145.
23. Ruiz, R J, Brown, C E, Nelson-Becker, C., Tan, A, Bishop, S. Bukowski, R. (2008). The effect of acculturation on progesterone/estriol ratios and preterm birth in Hispanics. *Obstetrics & Gynecology*. 111 (2 pt 1): 309-316.
24. Kanas N., Sandal, G., Boyd, J.E., Gushin, V.I., Manzey, D. North, R., Leon, G.R., Suedfeld, P., Bishop, S., Fiedler, E.R., Inoue, N., Johannes, B., Kealey, D.J., Kraft, N., Matsuzaki, I., Musson, D., Palinkas, L.A., Salnitskiy V.P., Sipes, W., Stuster, J. Wang, J. (2009) Psychology and culture during long-duration space missions. *Acta Astronautica* 64 659–677.
25. Washington, P., Reifsnider, E., Ethington, M., Bishop, S. (In press). Changes in family variables among normal and overweight preschoolers, *Issues in Comprehensive Pediatric Nursing*.
26. Bishop, S.L. Kobrick, R., Battler, M., Binsted, K. (2010). FMARS 2007: Stress and coping in an arctic Mars simulation, *Acta Astronautica*, v 66(9-10), p 1353-1367.
doi:10.1016/j.actaastro.2009.11.008.
27. Gernot Gromer, Verna Gruber, Sheryl Bishop, Doris Peham, Luzian Wolf, and Birgit Hoegl. Human Performance Data in a High Workload Environment During the Simulated Mars Expedition “AustroMars”, *Acta Astronautica*, v66(5-6), March-April 2010, p780-787,
doi:10.1016/j.actaastro.2009.08.017.
28. Binstead, K., Kobrick, R.L., Ogioufa, M., Bishop, S., Lapierre, J. (2010) Human factors research as part of a Mars exploration analogue mission on Devon Island, *Planetary and Space Science*, v58 (7-8), p 994-1006.

B. OTHER:

Thesis/Dissertation

1. Bishop, S. Contributions of Flexibility and Achievement Motivation to Leadership Effectiveness. Doctoral Dissertation & Technical Report to Participating Organization, 1989.

Proceedings and Symposia

1. Bishop, S. L., Santy, P. A. and Faulk, D. Team Dynamics Analysis of the Huautla Cave Diving Expedition: A Case Study, Proceedings from the 29th International Conference on Environmental Systems, July 12-15, 1999, Denver, Co.
2. Bishop, S. L. and Eckart, P. Humans Living and Working in Space – The Interrelated Aspects of Physiology, Psychology, Human Factors and Life Support, Proceedings from the 29th International Conference on Environmental Systems, July 12-15, 1999, Denver, Co.
3. Dudley-Rowley, M., Nolan, P. D., Bishop, S., Farry, K. and Gangale, T. Ten Missions, Two Studies: Crew Composition, Time, and Subjective Experience in Mars-Analog Expeditions, Proceedings of the Third International Convention of the Mars Society, Univelt, Incorporated, San Diego, 2000, Toronto, Ontario.
4. Bishop, S. L., Grobler, L.C. and Schjøll, O. Relationship of psychological and physiological parameters during an Arctic ski expedition, Proceedings of the 13th IAA Humans in Space Symposium, May 17-25, 2000, Santorini, Greece.
5. Bishop, S. L., Morphey, M. E. and Kring, J. P. *Avoiding Risky Teams in Risky Environments*, Proceedings of the IEA/HFES 2000 Congress, San Diego, California, USA, Aug. 5-10, 2000.
6. Bishop, S. L. and Primeau, L. Assessment of Group Dynamics, Psychological and Physiological Parameters during Polar Winter-Over, Proceedings from the Human Systems Conference, Nassau Bay, Texas, June 20-22, 2001.
7. Bishop, S. L. A Comparison of Male and Female Teams in Surviving the Australian Outback, Proceedings from the Human Systems Conference, Nassau Bay, Texas, June 20-22, 2001.
8. Dudley-Rowley, M. and Bishop, S. L. Extended Mission Systems Integration Standards for the Human-Environment and Human-Human Interfaces, Proceedings from the AIAA Space Architecture Symposium, World Space Congress, October 10-19, 2002, Houston, Texas.
9. Dudley-Rowley, M., Whitney, S., Bishop, S., Caldwell, B., Nolan, P. D. and Gangale, T. Crew Size, Composition, and Time: Implications for Exploration Design, Proceedings from the 53rd International Astronautical Congress (IAC) of the International Astronautical Federation (IAF), International Academy of Astronautics (IAA), and International Institute of Space Law (IISL), AIAA Space Architecture Symposium, World Space Congress, October 10-19, 2002, Houston, Texas.
10. Bishop, S. and Primeau, L. Through the Long Night: Stress and Group Dynamics in Antarctica, Proceedings from the 53rd International Astronautical Congress (IAC) of the International Astronautical Federation (IAF), International Academy of Astronautics (IAA), and International Institute of Space Law (IISL), Human Factors for Long Duration Spaceflight, World Space Congress, October 10-19, 2002, Houston, Texas.
11. Bishop, S. L. and Morphey, E. Assessing Group Dynamics and Stress in a Simulated Mars Mission: Results from a Study on the MDRS Crew 6 in Early 2002, Proceedings from the Human Performance 2003, Oct. 28-29, 2003.
<http://advtech.jsc.nasa.gov/humanperf.asp>.
12. Bishop, S.L., Dawson, S., Rawat, N, Reynolds, K., Eggins, R. Expedition One: Assessing Group Dynamics in a Desert Mars Simulation, Proceedings from the 55th International Astronautics Conference, Oct. 4-7, 2004
13. Arnesen, T., Bishop, S.L., Canton, F., Girard, T., Theureau, D., Stress Assessment During a Simulated EVA, Proceedings from the 55th International Astronautics Conference, Oct. 4-7, 2004.
14. Bishop, S. L., Dawson, S., Reynolds, K., Eggins, R., Rawat, N. Bunzelek, K. Integrating Psychosocial Results from Small Group Analogue Studies: Three Studies From The Mars Desert Research Station Simulation Habitat, Proceedings from the 15th Humans in Space, Gratz, Austria, May 15-22, 2005.

15. Bishop, S. L. *From Issues to Answers: Selecting Teams for Long Duration Space Missions*, Proceedings from the Meridiani Base Mars Exploration Planning Workshop - Vancouver BC - 6-7 August 2005, organized by the Mars Society of Canada.
16. Pacros, A., Bishop, S., Cutler, N., Legault, C., Trabucchi, T., Sainte Marie, C., Patricio, R., Annes, R., Bonnet, M., Grillmayer, G., Klaus, K., Waldie, J. The LEONARDO and MONA LISA Missions: MDRS Crews 39 and 40, Proceedings from the Mars Society Conference, Boulder, Co. USA, Aug. 15-18, 2005.
17. Cutler, N., Pacros, A., Bishop, S., Legault, C., Trabucchi, T., Sainte Marie, C., Patricio, R., Annes, R., Bonnet, M., Grillmayer, G., Klaus, K., Waldie, J. The LEONARDO and MONA LISA Project: A Comparison of Homogeneous Male and Female Teams in a Mars Simulation, Proceedings from the Australian Mars Exploration Conference (AMEC), Canberra, Australia, Aug. 19-21, 2005.
18. Bishop, S. L., Sundaresan, A., Pacros, A. Patricio, R. Annes, R. *A Comparison of Homogeneous Male and Female Teams in a Mars Simulation*, Proceedings from the 56th International Astronautical Congress, Fukuoka, Japan, October 17-21, 2005.
19. Flouris, A.D., Scott, J. M., Bishop, S. *Heart Rate Variability during Simulated Space Extravehicular Activity*, Proceedings of the 2006 American College of Sports Medicine Conference, May 31 – June 3, 2006, Denver, CO.
20. Bishop, S.L. Here to Stay: Designing for Psychological Well-Being for Long Duration Stays on Moon and Mars, Rutgers Symposium on Lunar Settlement, June 3-8, 2007, Rutgers University, New Brunswick, New Jersey, USA.
21. Matthew Allner, Sheryl Bishop, Vadim Gushin, Chris McKay, and Vadim Rygalov. *Crew Performance Analysis of a Simulated Mars Mission at the Mars Desert Research Station (MDRS)*, 59th IAC Congress, Glasgow, Scotland, 29 September – 3 October, 2008.
22. Gernot Groemer, Sheryl Bishop, Doris Peham, Luzian Wolf, Verena Gruber, Birgit Hoegl. *Human Performance Data in a High Workload Environment During the Simulated Mars Expedition “AustroMars”*, 59th IAC Congress, Glasgow, Scotland, 29 September – 3 October, 2008.
23. Sheryl L. Bishop, Ryan Kobrick, Melissa Battler and Kim Binsted. *FMARS 2007: Stress and Coping in an Artic Mars Simulation*, 59th IAC Congress, Glasgow, Scotland, 29 September – 3 October, 2008.

Reviews and Technical Reports

1. Baumann, D., Grigsby, C., Bishop, S., Nelms, D., & Schultz, F. Task Force Report on the Homeless: City of Austin, Texas, 1986.
2. Baumann, D., Bishop, S., & Schultz, F. Criminalization of the Mentally Ill, Working paper, 1989.
3. Helmreich, R., Wilhelm, J. & Bishop, S. Development of Coding Schema for Cockpit Crew Interactions, UT/FAA/NASA AMES, Working paper, 1989.
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1. Bishop, S. L. and Baumann, D. *Invisible people: A study of the homeless population in Austin. Translating Health Care Research into Practice*, Austin, Texas, April 1988.
2. Morris, D. L., Nelson-Becker, C. S., Bishop, S. L. and Chambers, A. N. *How Much Intervention is Enough: A Study of Low-Risk Certified Nurse Midwife Managed Labor and Delivery Outcomes*, International Congress of Midwives, May 1993.
3. Bishop, S. L. *The Use of IQ Assessment in Astronaut Candidate Screening and Evaluation*, The Aerospace Medical Association 1993 Annual Scientific Meeting, May, 1993.
4. Bishop, S. and Santy, P. *To Boldly Go Where Few Women Have Gone Before: An Overview of Gender In Space Research*, The Fourth National Conference on Nursing and Space Life Sciences, Apr. 1994.
5. Santy, P. and Bishop, S. *A Comparison of MMPI Profiles from U.S. Astronaut Candidates (1958-1990); Japanese Payload Specialist Candidates; and Soviet Cosmonaut Candidates*, The Aerospace Medical Association 1994 Annual Scientific Meeting, May, 1994.
6. North, R., Santy, P. and Bishop, S. *Social Behavior, Psychology and Performance During the Canadian Astronaut Program Space Unit Life Simulation (CAPSULS) Mission: First Results*. 1994 International Astronautical Federation, Oct., 1994, Isreal.
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8. Morris, D., McLean, C., Bishop, S., Harlow, K. *Assessment of Nurse Practitioners in the Evaluation and Treatment of Cervical Dysplasia: Preliminary Results*. The 1995 National Conference on Rural Nursing, National Rural Health Association, July, 1995.
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12. Mancuso, M.G. and Bishop, S. *Chronic Back Pain in Men Scoring Low on Scale 5 of the MMPI*, Texas Psychological Association, November, 1997, Austin, Texas.
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14. Bishop, S.L., Santy, P.A. and Faulk, D. *When Teams Fail: A Case Study of the Huautla Deep Caving Expedition*, 29th International Conference on Environmental Systems (ICES), July 14, 1999.
15. Bishop, S. L., Gobler, L. C. and Schjøll, O. *Relationship of Psychological and Physiological Parameters during a 350 km Arctic Ski Expedition: A Case Study*, 13th Humans in Space Conference, Santorini, Greece, May 20-27, 2000.
16. Dudley-Rowley, M., Bishop, S. L., Farry, K. and Gangale, T. *The Long Duration Mission: Not Just Duration*. 13th Humans in Space Conference, Santorini, Greece, May 20-27, 2000.

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18. Bishop, S. L., Morphew, M. E. and Kring, J. P. *Avoiding Risky Teams in Risky Environments*, IEA/HFES 2000 Congress, San Diego, California, USA, Aug. 5-10, 2000.
19. Bishop, S. L. and Primeau, L. *Assessment of Group Dynamics, Psychological and Physiological Parameters during Polar Winter-Over*, Human Systems Conference, Nassau Bay, Texas, June 20-22, 2001.
20. Bishop, S. L. *A Comparison of Male and Female Teams in Surviving the Australian Outback*, Human Systems Conference, Nassau Bay, Texas, June 20-22, 2001.
21. Marilyn Dudley-Rowley, Stewart Whitney, Sheryl Bishop, Barrett Caldwell, Patrick D. Nolan *Crew Size, Composition, and Time: Implications for Habitat and Workplace Design in Extreme Environments*. Society of Automotive Engineers. SAE 2001-01-2139. 31st International Conference on Environmental Systems. Orlando, Florida. 9-Jul-2001.
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23. Bishop, S. L. *Humans Living and Working in Space: Choosing the 'Best' to Lead the Rest*, Beyond the horizon and on - women in aeronautics and space. Ministry for International Cooperation, German Aerospace Center (DLR), Berlin, May 9-10, 2002.
24. Primeau, L. and Bishop, S. *Occupational Performance in Isolated, Extreme Environments*, 13th World Congress of Occupational Therapist, Stockholm, Sweden, June 23-28, 2002.
25. Bishop, S. *Evaluating Teams in Extreme Environments: Deep Caving, Polar and Desert Expeditions*, 32nd International Conference on Environmental Systems (ICES), San Antonio, Texas, USA, July 2002.
26. Bishop, S. *What is 'Best Fit?': Latest Psychosocial Studies on Humans in Extreme Environments*, International Space University 2002 Alumni Conference, Pomona, California, August, 2002.
27. Bishop, S. *Evaluating Teams in Extreme Environments*, International Space University Summer Session Program 02, Department of Life Sciences Workshop, Pomona, California, August 2002.
28. Teague, R., Meyer, W., Bishop, S. and Robert, R. *Assessing Abuse and Neglect in Burn Injury*, ISBI (International Society for Burn Injury) 11th Quadrennial Congress, August 11-16, 2002, Seattle, Washington, USA.
29. Bacal, K., Billica, R. and Bishop, S., *Neurovestibular Symptoms Following Space Flight*, The Sixth Symposium on the Role of the Vestibular Organs in the Exploration of Space, October 1 - 3, 2002, in Portland, Oregon.
30. Dudley-Rowley, M. and Bishop, S. L. *Extended Mission Systems Integration Standards for the Human-Environment and Human-Human Interfaces*, AIAA Space Architecture Symposium, World Space Congress, October 10-19, 2002, Houston, Texas.
31. Dudley-Rowley, M., Whitney, S., Bishop, S., Caldwell, B., Nolan, P. D. and Gangale, T. *Crew Size, Composition, and Time: Implications for Exploration Design*, 53rd International Astronautical Congress (IAC) of the International Astronautical Federation (IAF), International Academy of Astronautics (IAA), and International Institute of Space Law (IISL), AIAA Space Architecture Symposium, World Space Congress, October 10-19, 2002, Houston, Texas.
32. Marilyn Dudley-Rowley, Sheryl Bishop. *Extended Mission Systems Integration Standards for the Human-Environment and Human-Human Interfaces*. American Institute of Aeronautics and Astronautics. AIAA 2002-6110. 53rd International Astronautical Congress (IAC) of the International Astronautical Federation (IAF), International Academy of Astronautics (IAA), and International Institute of Space Law (IISL), Human Factors for Long Duration Spaceflight, World Space Congress. Houston, Texas. 1-Oct-2002.
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33. Bishop, S. and Primeau, L. *Through the Long Night: Stress and Group Dynamics in Antarctica*, 53rd International Astronautical Congress (IAC) of the International Astronautical Federation (IAF), International Academy of Astronautics (IAA), and International Institute of Space Law (IISL), Human Factors for Long Duration Spaceflight, World Space Congress, October 10-19, 2002, Houston, Texas.
34. Marilyn Dudley-Rowley, Sheryl Bishop, Stewart Whitney, Patrick Nolan, and Thomas Gangale, Invited Briefing, *Crew Size, Composition, and Time: Effects on Behavior and Performance of Team Personnel in Expeditionary Environments*, 48th U.S. Department of Defense Human Factors Engineering Technical Advisory Group Meeting, Tri-Service Workload Coordinating Sub-TAG session, 6 Nov 2002.
35. Mancuso, M., Bishop, S., Stoebner-May, D., and Blakeney, P. *Usefulness of the Family Environment Scale with a Burn Injured Population: Reliability Issues and Factor Analyses*, 2003 American Burn Association Conference, Miami, FL, March 2003.
36. Robert, R., Rosenberg, L, Villarreal, C, Thomas, C, Tcheung, J., Rosenberg, M., Bishop, S., Meyer, W.J. *Pharmacotherapy for Pediatric Burn Patients With Symptoms of Acute Stress Disorder (ASD)*, 2003 American Burn Association Conference, Miami, FL, March 2003.
37. Bishop, S. L. and Morphew, M. E. *Assessing Group Dynamics and Stress in a Simulated Mars Mission*, Accepted to the 74th Annual Aerospace Medicine Association Conference, May 4-8, 2003, San Antonio, Texas.
38. Bishop, S. L., Gleeson, M., Grobler, L. C., Sveinsson, T., Grover Snook, Abigail, Jensen, R. M. *Northern Cross Expedition 2001: Two Teams, Different Outcomes*, 14th Humans in Space Conference, May 18-22, 2003, Banff, Canada.
39. Bishop, S. L. and Morphew, E. *Assessing Group Dynamics and Stress in a Simulated Mars Mission: Results from a Study on the MDRS Crew 6 in Early 2002*, Human Performance 2003, Oct. 28-29, 2003.
40. Meyer, W., Okushi, J., Bishop, S. L., Dudley-Rowley, M., Marcus, M. and Otto, C. *Keeping astronauts safe and healthy on long duration missions: user scenarios as a tool to explore the effectiveness of telemedicine system design approaches in the context other hardware, software, and human subsystems*, International Conference on Environmental Systems 2004, July 19-22, Colorado Springs, Colorado.
41. Bishop, S.L. *A Comparison of Male and Female Teams Surviving the Australian Outback*, 2nd Annual Mars Society Australia Conference, Adelaide, Australia, July 31, 2004.
42. Bishop, S.L. *Space Analogs in Extreme Environments: Deep Caving, Polar and Desert Environments*, Mars Society Australia, Arkaroola, Australia, Aug. 5, 2004.
43. Bishop, S.L., Dawson, S., Rawat, N, Reynolds, K., Eggins, R. *Expedition One: Assessing Group Dynamics in a Desert Mars Simulation*, 55th International Astronautics Conference, Oct. 4-7, 2004. Vancouver, Canada.
44. Arnesen, T., Bishop, S.L., Canton, F., Girard, T., Theureau, D., *Stress Assessment During a Simulated EVA*, 55th International Astronautics Conference, Oct. 4-7, 2004, Vancouver, Canada.
45. Bishop, S. L., Dawson, S., Reynolds, K., Eggins, R., Rawat, N. Bunzelek, K. *Integrating Psychosocial Results from Small Group Analogue Studies: Three Studies From The Mars Desert Research Station Simulation Habitat*, 15th Humans in Space, Graz, Austria, May 15-22, 2005.
46. Bishop, S. L., *What is 'Best Fit?': Psychosocial Studies on Humans in Extreme Environments*, International University 2005 Summer Session, Vancouver, BC, Canada, Aug. 10, 2005.
47. Pacros, A., Bishop, S., Cutler, N., Legault, C., Trabucchi, T., Sainte Marie, C., Patricio, R., Annes, R., Bonnet, M., Grillmayer, G., Klaus, K., Waldie, J. *The LEONARDO and MONA LISA Missions: MDRS Crews 39 and 40*, Mars Society Conference, Boulder, Co. USA, Aug. 15-18, 2005.
48. Cutler, N, Pacros, A., Bishop, S., Legault, C., Trabucchi, T., Sainte Marie, C., Patricio, R., Annes, R., Bonnet, M., Grillmayer, G., Klaus, K., Waldie, J. *The LEONARDO and MONA LISA Project: A Comparison of Homogeneous Male and Female Teams in a Mars Simulation*, Australian Mars Exploration Conference (AMEC), Canberra, Australia, Aug. 19-21, 2005.
49. Bishop, S. L., Sundaresan, A., Pacros, A. Patricio, R. Annes, R. *A Comparison of Homogeneous Male and Female Teams in a Mars Simulation*, the 56th International Astronautical Congress,

- Fukuoka, Japan, October 17-21, 2005.
50. Bishop, S. L. *Humans Living and Working in Space – Surviving versus Thriving*, The 2006 International Space Development Conference, Los Angeles, CA. May 4-7, 2006.
 51. Bishop, S.L. and Sundaesan, A. *A Comparison of Objective and Subjective Stress in Homogeneous Male and Female Teams in a Mars Simulation*, 36th Scientific Assembly of the Committee on Space Research (COSPAR), Beijing, China, 16-23 July, 2006.
 52. Bishop, S.L. *Assessing Group Dynamics in a Mars Simulation: AustroMars Crew 48*, Mars2030: Interdisciplinary Workshop on Mars Analogue Research and AstroMars Science Workshop, September 24-26, 2006.
 53. Bishop, S. L., Reynolds, K., Eggins, E., Dawson, S., Rawat, N., and Bunzelek, K. *Assessing Group Identity in a Mars Simulation Environment*, 57th International Astronautical Congress, Valencia, Spain, October 2-6, 2006.
 54. Bishop, S.L. *Here to Stay: Designing for Psychological Well-Being for Long Duration Stays on Moon and Mars*, Rutgers Symposium on Lunar Settlement, June 3-8, 2007, Rutgers University, New Brunswick, New Jersey, USA.
 55. Matthew Allner, Sheryl Bishop, Vadim Gushin, Chris McKay, and Vadim Rygalov. *Crew Performance Analysis of a Simulated Mars Mission at the Mars Desert Research Station (MDRS)*, 59th IAC Congress, Glasgow, Scotland, 29 September – 3 October, 2008.
 56. Gernot Groemer, Sheryl Bishop, Doris Peham, Luzian Wolf, Verena Gruber, Birgit Hoegl. *Human Performance Data in a High Workload Environment During the Simulated Mars Expedition “AustroMars”*, 59th IAC Congress, Glasgow, Scotland, 29 September – 3 October, 2008.
 57. Sheryl L. Bishop, Ryan Kobrick, Melissa Battler and Kim Binsted. *FMARS 2007: Stress and Coping in an Artic Mars Simulation*, 59th IAC Congress, Glasgow, Scotland, 29 September – 3 October, 2008.
 58. Reifsnider, E. & Bishop, S. *Changes across time in the BMI, home environment, and diet among Mexican American children in the WIC program*. National State of the Science Congress on Nursing Research. Washington, D.C., 2008, October.
 59. Mendias, E.P. & Bishop, S.L. *Stops for No Storm: In the Eye of Hurricane Ike*, 2009 Continental Divide Disaster Behavioral Health Conference, Colorado Springs, CO, July 30-Aug. 1, 2009.
 60. Bishop, S.L., Mendias, E.P. & A.A. Mardikar. *Running Before the Storm: Assessing Displacement from Hurricane Ike*, 2009 Continental Divide Disaster Behavioral Health Conference, Colorado Springs, CO, July 30-Aug. 1, 2009.
 61. Bishop, S.L. *What is Best Fit: Psychosocial Studies on Humans in Extreme Environments*, International Space University, Life Sciences Departmental Workshop, Aug. 4, 2009.
 62. Bishop, S.L. *Humans Living and Working in Space: Learning from Earth Analogs*, United Space School Invited Speaker, Aug. 4, 2009.
 63. Bishop, S.L. *Bringing your research idea into fundable focus*, Center for Nursing Research Brown Bag Series, September 7, 2010.
 64. Bishop, S.L., Benight, C.C., Brewin, C.R., Ruiz, R.J., Stowe, R. *The contribution of displacement factors to stress and coping after Hurricane Ike*, State of the Science in Nursing Research Conference, Washington, D.C., September 27-29, 2010.
 65. Bishop, S.L. *Triangulating on stress after Hurricane Ike*, 2010 American Public Health Annual Meeting, Denver, CO, November 7-9, 2010.

B. Poster Presentations:

Hill, A., Bishop, S., and Malloy, M. *Formula and Breast-Feeding Practices of African-American and Anglo-American Low Birthweight and Full-Term Infants*. The Sigma Xi and The Undergraduate Science Symposium, University of Texas Medical Branch, Feb. 1995.

Bishop, S., Walling, D., Dott, S. and Folkes, C. *Severe Mental Illness: Exploring Quality of Life Enjoyment Scale Validity - Preliminary Results*. The Southwestern Psychological Association 41st Annual Convention, April, 1995.

- Bishop, S., Walling D., Dott, S. and Folkes, C. *Severe Mental Illness: Exploring Quality of Life Enjoyment Scale Validity*. The 1995 American Psychological Association Annual Convention, August, 1995.
- Bishop, S., Walling, D., Baker, J., and Dott, S. *Quality of Life Assessment in Chronic Back Pain Patients*, Annual Conference for the Society of Behavioral Medicine, May, 1997, San Francisco, CA.
- Bishop, S., Walling, D., Dott, S. and Baker, J. *Validating Sensitivity and Specificity in the Quality of Life Enjoyment and Satisfaction Scale (Q-LES-Q)*. American Psychological Association 1997 Annual Conference, Aug. 15-19, 1997 Chicago, Ill.
- Walling, D., Klein, C., Bishop, S. and McCleery, G. *Psychometric Evaluation of a Four Factor Quality of Life Instrument*, National Clinical Drug Evaluation Unit, June, 1999, Boca Raton, Fla.
- Mancuso, M.G, Blakeney, P., Robert, R, and Bishop, S., *Sibling Adjustment to Burn Trauma*. 9th Congress of the European Burns Association, September 12, 2001, Lyon, France.
- Matthew Allner, Sheryl Bishop, Vadim Gushin, Chris McKay, and Vadim Rygalov. Management Of Competition And Besting Among Crew Members: A Study At The Mars Desert Research Station In Utah, USA, poster presentation, 37th COSPAR Scientific Assembly, 2008.
- Matthew Allner, Sheryl Bishop, Vadim Gushin, Chris McKay, and Vadim Rygalov. Pre-Mission Communication and Awareness Strategies for Positive Group Functioning and Development: Analysis of a Crew at the Mars Desert Research Station (MDRS) in Utah, USA. poster presentation, 37th COSPAR Scientific Assembly, 2008.
- Sheryl L. Bishop, Charles C. Benight, Chris R. Brewin, R. Jeanne Ruiz, Raymond Stowe, Assessing Stress and Coping after Hurricane Ike: Preliminary Analyses at the First Anniversary, 68th Annual Scientific Meeting of the American Psychosomatic Society, Portland, OR, March 10-14, 2010.

INVITED LECTURES AT SYMPOSIA AND CONFERENCES:

1. Esperat, C.E., Dorsey-Turner, G., Standard, P. and Bishop, S. *Cultural Competence: Strategies for Development in a Nursing Course*, Texas Higher Education Coordinating Board 11th Annual Minority Recruitment and Retention Conference, April, 1995.
2. Davis, J., Richard, E., Bishop, S., and McGowen, C. *Prevention: Strategies to improve health, safety and the bottom line*. Prevention '96, March 23-26, 1996, Dallas, Tx.
3. Bishop, S., *Issues in Space Life Sciences*, Panel: Clearwater, Y. (NASA-Ames), Noonan, R., Thagard, N. (NASA-JSC), and Vernigos, J. (NASA-Washington, D.C.) 1996 International Space Development Conference, May 23 - 27, 1996, New York City, N. Y.
4. Bishop, S., Fortney, S., Noonan, R., and Santy, P. *Psychosocial issues of mixed gender crews in space*. 1996 Annual Conference for the Society for the Scientific Study of Sexuality, Nov. 14-17, 1996, Houston, Tx.
5. Bishop, S. *Psychosocial Issues of Small Groups in Space*, 12th Man in Space, IAA/NASA Conference, June 9-15, 1997.
6. Bishop, S., Wood, J., and Jones, J. *Crew Selection for Mars: Maximizing the Mix for Long Duration Missions*, 12th Man in Space, IAA/NASA Conference, June 9-15, 1997.
7. Bishop, S. Invited Speaker, *Psychological Issues in Deep Caving: A case history*. Pushing the Envelope II: Medicine on Mars* (*and in other challenging environments). September 25-27, 1997, Annual conference of the Center for Aerospace Medicine and Physiology, University of Texas Medical Branch, Galveston, Texas.
8. Bishop, S., Hilliard, P., D'anno, D., Harris, B, Jones, J., Rossum, A. and Stanford, *Biobehavioral Life Support Issues for Living and Working in Space*, The Third International Conference on Life Support and Biosphere Science, January 11-15, 1998, Lake Buena Vista, Florida.

9. Bishop, S. Invited Speaker, *Psycho-Social Well-Being on a Lunar Base*, Pushing the Envelope III: Medicine in Challenging Environments – From the Mountains of Earth to the Mountains of the Moon, Oct. 1-3, 1998, Clear Lake, Texas.
10. Bishop, S.L. *Measuring Outcomes in Preventive Medicine*, Preventive Medicine Grand Rounds, General Preventive Medicine Residency & Department of Preventive Medicine and Community Health, University of Texas Medical Branch, Galveston, Texas, April 1999.
11. Bishop, S.L. *Psychosocial Issues in Crew Selection and Long Duration Spaceflight: Finding the Right Mix of the Right Stuff*, International Space Development Conference (ISDC), Houston, Texas, May, 1999.
12. Bishop, S.L. and Eckart, P., *Humans Living and Working in Space - The Interrelated Aspects of Physiology, Psychology, Human Factors and Life Support*, 29th International Conference on Environmental Systems (ICES), July 14, 1999.
13. Bishop, S. L. *Holistic View of Living and Working in Space*. Euroweek, Paris, France, May 5, 2000.
14. Bishop, S. L. *Humans in Space: Fundamental Requirements for Human Survival in Space*, 1st World Meeting about space exploration and life in the Universe, Republic of San Marino, May 7, 2000.
15. Bishop, S. *Evaluating Teams in Extreme Environments: From Issues to Answers*, International Space Life Sciences Working Group (ISLSWG) Group Interactions Workshop, Banff, Canada, May 15-18, 2002.
16. Bishop, S. L. *Assessing Stress and Group Dynamics in Antarctica*. Conference on Extreme Medicine and Antarctica, May 15-16, 2003, Plymouth, England.
17. Bishop, S.L. *Team Dynamics in Extreme Environments*, Pushing the Envelope IV: Medicine in Extreme Environments, Feb. 14-18, 2005, Galveston, Texas.
18. Bishop, S. L. *From Issues to Answers: Selecting Teams for Long Duration Space Missions*, Meridiani Base Mars Exploration Planning Workshop - Vancouver BC - 6-7 August 2005 organized by the Mars Society of Canada.
19. Bishop, S. L. and Greene, M. *Yours, Mine and Our Space: The Intersection of Habitat Design and Psychosocial Health*, The 2006 International Space Development Conference, Los Angeles, CA. May 4-7, 2006.
20. Bishop, S.L., Gromer, G., Frischauf, N., and Soucek, A. MarsNight Panel, Salzburg, Germany, September 23, 2006.
21. Bishop, S.L. (Keynote Speaker) *Getting There From Here: Using Analogues for Space Research*, Mars2030: Interdisciplinary Workshop on Mars Analogue Research and AstroMars Science Workshop, September 24-26, 2006.
22. Bishop, S.L., Frischauf, N. Wolf, L., Goswami, N. Panel & Discussion: *Human factors research as mission enabling knowledge – Putting into perspective: what kind of mission risks can be attributed to crew factors*. Moderator: Alexander Soucek (ESA), Sept. 24, 2006.
23. Bishop, S.L. *Here to Stay: Designing for Psychological Well-Being for Long Duration Stays on Moon and Mars*, Rutgers Symposium on Lunar Settlement, Rutgers University, New Brunswick, New Jersey, USA, June 3-8, 2007.
24. Bishop, S.L. *Psychosocial Issues in Extreme Environments*, HAS, High School Aerospace Scholars, Johnson Space Center, June 19, 2007.
25. Bishop, S.L. *Psychosocial Issues in Extreme Environments*, Introduction to Space Medicine, Department of Preventive Medicine and Community Health, Aug., 2007.

INVITED LECTURES - OFF CAMPUS:

- 1995 Invited Lecturer, *Socio-psychological Issues of Space Flight*, Summer Session Program, July, Stockholm, Sweden.
- 1997 Invited Lecturer, *Physiological Problems of Long Duration Space Flight: Countermeasures and Issues*, & *Psychosocial Issues of Long Duration Space Flight: Countermeasures and Issues*, Masters of Space Science Program, November 25-26, Stasbourg, France

- 2003 Invited Lecturer, *Psychosocial Issues in Long Duration Space Flight*, Departments of Space and Society & Space Life Sciences, Summer Session Program, June, Rice University, Houston, Texas
- 1999 Invited Lecturer, *Future Communities in Space, & Psychosocial Issues in Long Duration Space Flight*, Departments of Space and Society & Space Life Sciences, Summer Session Program, Nakon Rachishema, Thailand
- 2000 Invited Lecturer, *Living and Working in Space, & Psychosocial Issues in Long Duration Space Flight*, Departments of Space and Society & Space Life Sciences, Summer Session Program, Valpariso, Chile, South America
- 2001 Invited Lecturer, *Psychosocial Issues in Spaceflight in Mixed Gender Crews & Ground Simulations of Human Spaceflight*, Master of Space Science Program, January 25 and 26, Strasbourg, France.
- 2006 Visiting Faculty, Life Science Department, 2006 Summer Session, Strasbourg, France, July-Aug. 2006.
- 2008 Visiting Faculty, Life Science Department, 2008 Summer Session, Barcelona, Spain, July-Aug. 2008.