

CURRICULUM VITAE

I. GENERAL BIOGRAPHICAL INFORMATION

A. Personal:

1. **Name:** Jeffrey A. Jones, M.D.

Business Addresses: Scott Department of Urology
Baylor College of Medicine
Jamail-Abramson Chair in Urology Research
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2. **Date of Birth; Citizenship:** August 6, 1959; United States

B. Education:

1. Undergraduate Education:

05/1981 B.A., Trinity University, 715 Stadium Drive, San Antonio, TX 78212.
Double Major – Biology, Psychology (113 Semester Hours)

2. Medical Education or Graduate Education:

11/1984 M.D., Baylor College of Medicine, One Baylor Plaza, Houston, TX
77030 (Hours Completed – 298)

12/1998 M.S., University of Texas Medical Branch, 301 University Boulevard,
Galveston, TX 77555-0132; Preventive Medicine and Community
Health (Hours Completed – 44)

3. Postgraduate Training:

1985-1986	(PGY-1) Intern in General Surgery, Indiana University Hospitals, Indianapolis, IN
1986-1987	(PGY-2) Junior Resident in General Surgery, Indiana University Hospitals, Indianapolis, IN
1987-1988	(PGY-3) Junior Resident in Urology, Indiana University Hospitals, Indianapolis, IN
1988-1989	(PGY-4) Intermediate Resident in Urology, Chief Resident in Pediatric Urology, Indiana University Hospitals, Indianapolis, IN
1989-1990	(PGY-5) Senior Resident in Urology, Indiana University Hospitals, Indianapolis, IN
1990-1991	(PGY-6) Chief Resident in Urology, Indiana University Hospitals, 546 Barnhill Drive, Indianapolis, IN 46202
1991-1992	AFUD Scholar/Research Fellow - Urologic Oncology, Clinical Assistant Professor, Department of Urology, Indiana University

C. Academic Appointments:

1. Current Faculty Position(s) at BCM:

2013-Present	Professor, Scott Department of Urology, Baylor College of Medicine, Houston, TX
04/2013-Present	Chief of Urology, Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX
2008-2013	Associate Professor, Scott Department of Urology, Baylor College of Medicine, Houston, TX
2007-2008	Adjunct Professor, Scott Department of Urology, Baylor College of Medicine, Houston, TX
1997-2007	Adjunct Associate Professor, Scott Department of Urology, Baylor College of Medicine, Houston, TX

2. Previous Faculty Position(s) at Other Institutions:

10/2010-03/2013	Urologist/ Genitourinary Surgeon- Mercy Regional Medical Center/Porter Robotic Surgical Center-Centura Hospitals Colorado [Mercy Urology Mercy Regional Medical Center- Medical Plaza Suite 245, 1010 Three Springs Avenue, Durango, CO 81301 (970-794-3845)
2010-2013	Assoc. Professor- Baylor College of Medicine Urology Department/Center for Space Medicine
2007-2008	Adjunct Professor- Center for Space Medicine
2003-2006	Executive Officer, Marine Air Wing Medical- Marine Air Group 41
2008-2009	Flight Surgeon- Active duty Marine F/A-18 squadron: VMFA-112: deployed to combat theater
2003-2008	SMO-MAG 41 Medical, Flight Surgeon-VMFA-112, Naval Air Station JRB, Ft Worth, TX
2000-2002	Flight Surgeon Squadron HMLA-773, Naval Air Station Joint Res Base, New Orleans, LA
1999-2001	Commanding Officer-Marine Air Group 42 Medical Unit, Squadron HMLA-775, Naval Air Station Joint Reserve Base, New Orleans, LA
1997-2000	Principal Investigator Genitourinary Cancer Clinical Trials, PIVOT, SWOG: VAMC Houston
1996-1998	Space Medicine Fellow/Aerospace Medicine Resident- NASA-JSC/University of Texas Medical Branch, Center for Advanced Space Studies, Universities Space Research Association: Houston/Galveston, TX
1996-1997	Acting Chief of Aerospace Medicine- 147th Medical Squadron, Texas Air National Guard, Ellington Field, TX
1996-1997	Associate Professor, Chief Adult Urology, Director of Urologic Oncology, Department of Surgery, Texas Tech University Health Sciences Center
1994-1996	Principal Investigator, Southwest Oncology Group - UCOP, TTUHSC; Genitourinary Committee Member
1994-1997	Urology Section Head, Department of Surgery, Fleet Hospital 21, USNR
1994-1996	Associate Medical Director- Southwest Cancer Center, UMC Hospital, Lubbock Texas
1994-1996	Urologic Renal Transplant Section Chief- UMC Hospital, Lubbock, TX

1994-1996	Director Urologic Oncology Program- UMC Hospital, Lubbock TX
1994-1996	Assistant Professor, Chief Adult Urology, Director of Urologic Oncology, Department of Surgery, Texas Tech University HSC
1993-1996	Level 1 Trauma Team Urologic Surgery Representative, TTUHSC
1993-1996	Cancer Liaison of the American College of Surgeons Commission on Cancer for University Medical Center Hospital
1992-1994	Chief of the Division of Urology, Department of Surgery, Texas Tech University Health Sciences Center, Lubbock, TX
1992-1996	Extracorporeal Shock Wave Lithotripsy Program Regional Director and Instructor / Quality Assurance Monitor-UMC Hospital, Lubbock, TX

3. Current Courtesy Faculty Appointments at Other Institutions While at BCM:

2020-Present	AUA Legislative Action Committee
2016-Present	President of Urological Society for American Veterans (USAV)
2014-Present	Fleet Logistics Support Wing Surgeon
2010-Present	Staff Surgeon- Mercy Regional Medical Center
11/2010-Present	4 th Marine Air Wing Surgeon
2006-Present	Clinical Assistant Professor, University of Texas Medical Branch
1997-Present	Federal Aviation Administration designated Aviation Medical Examiner #80033
1989-Present	Captain - United States Naval Reserves Medical Corps

D. Other Advanced Training/Experience:

1. **Formal Sabbatical Leave:** Not Applicable
2. **Other Specialized Training Following Academic Appointment:** Not Applicable

E. Other Information:

1. **Honors or Awards:**

1973-1977/2004	SEABROOK JR. AND CLEAR LAKE HIGH SCHOOL: Varsity Football - Outstanding Defensive Player; Basketball, Track, Cross Country, Tennis - District Honors; Awards in multiple UIL Competitions: Thespian, Spelling, Spanish, District and Regional Science Fair; National Honor Society
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- 1977 *Magna Cum Laude* - per Graduation
2004 Distinguished Alumnus Award
- 1977-1981 TRINITY UNIVERSITY-UNDERGRADUATE STUDENT:
1981 *Magna Cum Laude* - per Graduation
Alpha Lambda Delta, Alpha Chi, and Blue Key
(National Collegiate Honor Societies)
1977-1981 University Scholar, President's Academic
Scholarship
1978-1980 Outstanding Intramural Athlete - Chi Delta Tau,
Varsity Golf Team
- 1984 BAYLOR COLLEGE OF MEDICINE-MEDICAL STUDENT:
1984 Alpha Omega Alpha National Medical Honor
Society
1984 Graduation with Honors
- 1987/1990-1992 INDIANA UNIVERSITY RESIDENT PHYSICIAN/ FELLOW/JR.
FACULTY:
1991 American Foundation for Urologic Disease
Fellowship/Dornier Research Scholar
1987 & 1990 First Place - Two Carbon Open Golf
Tournament/Indiana University Medical School
10/1992 Grand Champion - Western Section American
Urological Association Poster Competition: Maui,
Hawaii
1992 Who's Who in Medicine
- 1993-1995 TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER - FACULTY:
1993 Who's Who of Rising Young Americans
1994 Two Thousand Notable American Men
1995 Distinguished Leadership Award - Outstanding
Contribution in Medical Education and Research
1995 National Kidney Foundation, Lubbock Chapter-
Outstanding Volunteer Leadership (1995)
- 1996-1997 UNITED STATES AIR FORCE:
1996 Aerospace Medicine Primary Course Distinguished
Graduate
1997 Air Force Achievement Award (1997)
- 1997-2011 UNITED STATES NAVY RESERVES AND ACTIVE DUTY:
1994 National Defense Ribbon- Operation Desert
Shield/Storm (Bronze Star-OEF, OIF)
1995 Sharpshooter Marksmanship Ribbon
1996 Armed Forces Reserve- Ten-Year Service Medal
1997 Marine Standard Marksmanship
1997 Commendation from Alaskan Air National Guard
for support of Arctic Care
1997 Commendation from RADR Lynch as finalist in
AMCON
1997 Junior Medical Officer of the Year Award

1997	Finalist - AMCON Junior Reserve Medical Officer of the Year
1997	Commendation from IMACE Commanding General for Medical Support
1998	Navy Achievement Award
1999	Outstanding Volunteer Service Medal
1999	Sharpshooter Marksmanship Ribbon- M-9 (USMC Standards)
1999	Fleet Marine Force Ribbon
1999-2000	Meritorious Unit Commendation Award
2001-2002	Nominated Flight Surgeon of the Year
2002	Arctic Service Ribbon
	Fleet Marine Force; National Defense; Global War on Terror – Expeditionary
2003	Global War on Terror- Service Medal
2004	Global War on Terror Expeditionary Medal
2008	Marksmanship Ribbon- M-16 (USMC Standard)
2009	Iraqi Campaign Medal
2009	Sea Service Ribbon
2009	Combat Air Medal
2009	Armed Forces Reserve Medal - 20 Years of Service
2011	Bruce Jackson Naval Reserve Flight Surgeon of the Year
2011	Navy and Marine Corps Commendation Medal
1997/2000-2012	BAYLOR COLLEGE OF MEDICINE ADJUNCT/CLINICAL FACULTY:
1997	Physician's Recognition Award by the American Medical Association
03/2000	Outstanding Achievement Award - Veteran's Affairs Physician Assistant Association
2000-2021	Best Doctors in America voted by peers (2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2016, 2018, 2020, 2021, 2022)
1998-2010	AEROSPACE MEDICINE RESIDENT:
1998	Young Investigator's Award by Space Medicine Branch of Aerospace Medical Association
1999-2000	Julian Ward Memorial Award - Aerospace Medicine Resident of the Year, by Aerospace Medicine
09/2008	Certificate of Appreciation - JSC Hurricane Ike Recovery Efforts
04/23/2009	Space Flight Awareness Team Award - NASA/ARC Vibration/Centrifuge Study
06/2009	Superior Performance Award - Orion Vehicle Integration and Design Support
08/2009	JSC Group Achievement Award - Crew Seat Detailed Test Objective Team
09/2009	Certificate of Appreciation - Transformation of the ISS to Six-Person Crew

05/2010 Space Medicine Association - Journal Award (to co-author R. Scheuring)

1998-2010 NASA (NATIONAL AERONAUTICS AND SPACE ADMINISTRATION)/JSC (JOHNSON SPACE CENTER) FLIGHT SURGEON:

1998 Group Merit Award- NASA/JSC: Lunar Mars Life Support Test Program

1998 Presidential Sports Award - NASA/JSC Sports/Fitness

08/1999 NASA Individual Performance Award

09/1999 Lexington "Who's Who"

09/2000 NASA Individual Performance Award - 2nd Issuance

11/2001 Individual Special Space Flight Achievement Award - ISS Medical Operations Lead

11/2001 Team Special Space Flight Achievement Awards (SLSD)
Expedition 1 Mission Support-Flight Control Team
Expedition 2 Mission Support- Flight Control Team
ISS 2 Contingency Countermeasures Development Team
Acoustics Team

05/2002 Special Scientific Achievement Award (SLSD)- Cataracts Risk Discovery Team

07/2002 NASA Individual Performance Award - 3rd issuance

08/2002 International Space Station Individual Superior Accomplishment Award

09/2002 NASA HQs ISS Expeditionary Medicine Group Award - Accepted as Group Lead

09/2002 NASA Group Achievement Award- ISS Medical Data Management Team

11/2002 Special Spaceflight Achievement Award- Medical Operations HRF Ultrasound Test Team

01/2003 NASA Group Achievement Award- Expedition 5 Medical Support

05/2003 Special Spaceflight Achievement Award (SLSD)- Expedition 5 Medical Operations Team

07/2003 NASA Individual Performance Award - 4th Issuance

08/2004 NASA Individual Performance Award - 5th Issuance

08/2005 NASA Individual Performance Award - 6th Issuance

08/12/2005 SLSD Special Spaceflight Achievement Award - Fitness for Duty Support Team

08/2006 NASA Individual Performance Award - 7th Issuance

09/27/2006 NASA Group Achievement Award - Stage Extravehicular Activity/Crew Fatigue Tiger Team

09/2006 NASA Group Achievement Award - Crew Exploration Vehicle Phase I Team

09/2006 Certificate of Appreciation - Outstanding Support to Lunar Lander Phase II Study

02/2007 Special Spaceflight Achievement Award - Human Systems Integration Req. Development

03/2007 Special Spaceflight Achievement Team Award - Medical Concept of Operations for Constellation

05/2007 NASA Group Achievement Award - Human Factors System Integration Group, advancing human system integration for next generation of exploration vehicles
05/2008 NASA Group Achievement Award - Lunar Architecture Team
09/2008 Certificate of Appreciation- JSC Hurricane Ike Recovery Efforts
04/23/2009 Space Flight Awareness Team Award - NASA/ARC Vibration/Centrifuge Study
06/2009 Superior Performance Award - Orion Vehicle Integration and Design Support
08/2009 JSC Group Achievement Award - Crew Seat Detailed Test Objective Team
09/2009 Certificate of Appreciation-Transformation of the ISS to Six-Person Crew
05/2010 Space Medicine Association - Journal Award (to co-author R. Scheuring)
12/2010 NASA Group Achievement Award - Baylor College of Medicine Urology
2011 Baylor College of Medicine Full-Time Faculty Urology / Center for Space Medicine
2016 Outstanding Urology Faculty Teaching Award- BCM/SDU
2017 Certificate of Excellence – ME Debakey VA Medical Center- Prostate Research

2013- P

Baylor College of Medicine Full Time Faculty Professor
2016 Outstanding Urology Faculty Teaching Award
2021 Aerospace Medicine Student and Resident Organization (AMSRO) 2021 AMSRO Outstanding Mentorship Award
2022 Certificate of Appreciation – Outstanding Services as an Editor of the Urology and Andrology
2023 HG Stevenson Award – Outstanding support and dedicated service to the Society of Government Service Urologists and Urology Residency Programs

2. **Board Eligibility/Certification:**

1994; Recertified 2004 & 2014 American Board of Urology (#10727)

3. **Other Non-Academic Positions:**

Previous NASA/JSC Medical Operations Assignments/Duties:

1998-2004 Member of the NASA/JSC CPHS/Institutional Review Board
1998-2002 Co-Chair- Multilateral Medical Operations Panel Countermeasures/Monitoring Subgroup, NASA/JSC CPHS/ Institutional Review Board

1998-2010	Medical Operations Physician/Flight Surgeon- National Aeronautics and Space Administration/ Johnson Space Center
10/1998-05/2002	Lead- Bone, Muscle Exercise Integrated Product Team (IPT)
10/1998-10/1999	Lead- Radiation IPT, Acting Operational Radiation Biologist and Radiation Laboratory technical monitor
10/1998-10/1999	Chair- Multilateral Medical Operations Radiation Working Group
1999-2003	Multilateral Medical Operations Panel (MMOP) Deputy/Alternate Chairman
07/1999-05/2002	International Space Station Medical Operations Lead
2000-2005	Contract Officer Technical Representative for Small Business Innovation Research Phase II Project: Laser Electro-optical Application Technology- "Portable High Resolution Volumetric Medical Imager"
2003-2004	Bioastronautics Product Team Lead
1999-2002, 2004-2005	International Space Station Medical Operations Lead
2004-2006	Advanced EVA and EMU Related Medical Issues Team Representative
08/2004-11/2004	Mars Human Precursor Mission Science Steering Group- Surface Operations, Radiation and Dust Teams
2005-2007	Chairman, Exploration Crew Health Integration Team - Flight Surgeon Representative- Nutrition IPT and Diet and Urinary Countermeasures Work Groups
02/2005-2010	Lead for Exploration Medical Operations CEV (Orion) Occupant Protection Team Member
2005-2010	Member of Lunar Exploration Analysis Group
2005-2010	Member of Mars Exploration and Planning Group
03/2006-2010	Medical Element Lead- EVA Physiological Systems Project
09/2006-01/2007	Crew Exploration Vehicle Systems Manager for Crew Health Interfaces
08/2007-2010	Crew Health Representative- Lunar Architecture Team - Habitat Element
10/2007-2010	Crew Health Representative- Mars Architecture Team
2008-2009	Lunar Surface Systems Team- Medical and Life Sciences Rep
02/2008-2010	Orion (CEV) Vehicle Integration Office Crew Health Liaison

II. RESEARCH INFORMATION

A. Research Support:

Grants:

1. PI: Southern Medical Association Research Grant - Ras Oncogene Mutations in Prostate Cancer - 1985: \$2000
2. PI: American Foundation For Urologic Disease Research Grant - Mechanisms of Cellular Proliferation in Diseases of the Prostate - 1991: \$44,000
3. PI: Searle Pharmaceuticals - Inflammation and Benign Prostatic Hyperplasia - 1992: \$3000
4. PI: Audrey B. Jones Cancer Research Fund - Prostate Cellular Growth Regulation - 1993: \$6,500.00
5. Co-I: Applied Immune Sciences, Inc. - Immunotherapy of Renal Cell Carcinoma - 1995: \$5000
6. PI: Schering Pharmaceutical - Integrated Therapeutics: Clinical Study- Quality of Life in Prostate Cancer Patients - 1995: \$5000
7. PI: Southwest Oncology Group(SWOG) - UCOP Funding for clinical research at TTUHSC and Southwest Cancer Center - 1994, 1995, 1996: \$47,500
8. PI: Boston Scientific Corporation - Research Grant to study new techniques in endourologic stenting - 1998: \$5000
9. PI: Olympus Corporation - Research Grant to study endourologic surgery in microgravity - 1998: \$5000
10. Co-I: Southwest Oncology Group: 9916- National Cancer Institute \$2.5 million
11. PI: National Space Biomedical Research Institute: 2005-2006, \$75,000 for EVA injury study
12. Co-I: NASA Human Research Program - 2006-present, Bisphosphonates as a Countermeasure to Space Flight-Induced Bone Loss - \$ 1.25 million
13. Local PI: MEDVAMC- multiple BCM SWOG GU cancer committee studies
14. Local PI: Myriad Genetics: Genotypic Analysis in Prostate Cancer Decision-Making
15. Local PI: Photocure: Blue-light for Enhanced Detection of Urothelial Carcinoma
16. PI: H-30517: Outcomes of Treatment for Extragonadal Germ Cell Tumors
17. Co-I: TMHRI: Method to Reduce Symptoms of Cervical Compression in Pilots and Patients- Evaluation of Neck-X Cervical device

18. PI: H-37543: A Two Part Prospective Study to Measure The Impact of Adding Genomic Testing (Prolaris®) On The Treatment Decision Following Biopsy In Newly Diagnosed Prostate Cancer Patients With Long Term Follow-Up Post-Treatment to Measure The Prediction of Progression/Recurrence in Men Treated In The Veterans Administration Medical Center (VAMC) (#uro-005: P-Prove-Prospective Prolaris® Value And Efficacy Protocol Number: H37543 MEDVAMC
19. PI: H3752: A Prospective, Open, Comparative, Within Patient Controlled Multicenter Phase 3 Study of Blue Light Cystoscopy with Cysview and White Light Cystoscopy Using Karl Storz D-Light C PDD Flexible Video System in Detection of Bladder Cancer in Patients with Bladder Cancer (PC B308/13) MEDVAMC
20. Clinical Site Leader, Co PI's: Curtis Pettaway, MD, Professor, Department of Urology, MDACC, Margarita Irizarry-Ramirez, PhD, Professor, School of Health Professions, UPR-Medical Sciences Campus. Title: Multivariate Prediction of Prostate Cancer in Puerto Rican and African American Men VAMC
21. PI: Prostate Cancer Foundation sponsored study: "Clinic pathological correlation & molecular signature identification & risk stratification of prostate cancer in African American U.S. Veterans, with & without exposure to battlefield chemicals". \$1,000,000
22. Co:I and Surgical Quality Control Lead: STARPORT: Veterans Affairs Seamless Phase II/III Randomized Trial of STAndard Systemic TheRapy with or without PET-Directed Local Therapy for OligoRecurrent Prostate Cancer [ClinicalTrials.gov Identifier: NCT047]

Current or Recently Completed Research

1. NASA-JOHNSON SPACE CENTER:
Detailed Technical Objective, PI/Supplemental Detailed Biomedical Investigation, Co-PI for Launch
Launch Vibration and Performance Decrement Characterization on Shuttle Flights for Orion Thrust Oscillation Design Considerations
Countermeasure for In-flight Bone Loss using Bisphosphonate, Co-PI
Landing Load Injury Risk - Occupant Protection Task #1 Team, PI
Renal Stone Risk Countermeasures Development for International Space Station, Co-PI
Upper Extremity Strength and Endurance/Oxidative Stress Countermeasures for Spaceflight and Extra-vehicular Activities, PI
In Situ Research Utilization - Bioprocessing Lunar Regolith; Consumable Recycling
2. SOUTHWEST ONCOLOGY GROUP:
Co-Investigator on multiple SWOG/NCI GU Cancer Clinical Trials at BTGH and VAMC - Houston, TX

Past Research Activity

- 1992-1996 TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER:
Clinical:
Principal Investigator Texas Tech University Health Sciences Center (TTUHSC) - All GU Southwest Oncology Group (SWOG) Protocols - UCOP Site
Anthra Pharmaceutical - AD32 Phase II Study in Bladder Carcinoma In-Situ

Applied Immune Science - Tumor Infiltrating Lymphocytes in Advanced Renal Cell Carcinoma; closed for enrollment 1996

Telemedicine Hardware Evaluation Team for TDCJ remote site consultation

Basic Science:

Director of Giles McCrary Genitourinary Cancer Research Laboratory - TTUHSC

Regulation of Growth Factor and Cytokine-Induced Signal Transduction in Prostate Neoplasia

Dialysis via Continent Urinary Reservoir in the Porcine Model

Monoclonal Antibody - Cytotoxic Conjugates in Prostate Cancer Therapy

Collaborative project with Darryl Bornhoff, Ph.D. - Cancer diagnostic imaging by 3-dimensional spectroscopy

- 1997-1998 UNIVERSITY OF HOUSTON:
Collaborator with PI: Carlos Pedamonte, Ph.D. - Determining cellular injury induced by radiation using transmembrane potential
- 1997-2001 BAYLOR COLLEGE OF MEDICINE:
Clinical:
PI: Genitourinary Cancer Clinical Trials, PIVOT, SWOG: VAMC Houston
- 1996-2006 NASA-JOHNSON SPACE CENTER:
Telemedicine/Telesurgery in Microgravity: Contingency Plan for In-Flight Acute Ureteral Calculus
Telemedicine Evaluation of Environmental Influences on Health in Closed Loop Systems
Immune Function and Toxicologic Exposure- Lunar-Mars Life Support Test Project Phase III
Biodosimetry and Intervention Strategy for Deep Space Radiation and Induced Carcinogenesis
- 1998-2004 SOUTHWEST ONCOLOGY GROUP:
Co-investigator on SWOG protocol 9916 - Phase III study of Taxotere + Estramustine vs. Mitoxantrone + Prednisone in Early Stage D Adenocarcinoma of the Prostate
- 2004-2007 Veteran's Administration Multi-center cooperative study (Novartis-sponsored) – Advisory Board Member "Prevention of Skeletal Related Events in Patients with Advanced Prostate Cancer treated with Androgen Deprivation Therapy" (non-compensated)
- 2004-2008 Collaborator on NSBRI funded project:
PI: Susan Bloomfield, Ph.D.: Increasing the Efficiency of Exercise Countermeasures for Bone Loss
- 2004-2008 Collaborator on NSBRI-funded project:
PI: Ted Bateman: Spaceflight Radiation contribution to Bone loss for Exploration: Lunar Outpost Considerations and Countermeasures
- 2004-2008 Collaborator on ISSO funded project:
PI: John Miller, Ph.D. Martian Soil Biosensor using Dielectric Spectroscopy

B. National Scientific Participation:

1. Journal Editorial Boards:

Urology and Andrology- Open Journal (UAOJ)

2. Review Panels:

Acta Astronautica
Annals of Medical and Surgical Case Reports
Clinical Genitourinary cancer
International Journal of Molecular Sciences
Internal Journal of Molecular Sciences
Nature-Research NPJ Microgravity
Sports Medicine
Urology- Gold Journal
Journal of Surgical Research
Journal of Medical Internet Research- Biomedical Engineering
Spine
Translational Research Institute for Space Health
Editor for Urology and Andrology Open Journal
American Institute of Aeronautics and Astronautics

3. Professional Societies/Elected Positions:

Medical/Surgical

Alpha Omega Alpha National Medical Honor Society
American Medical Association
Indiana Medical Association
Texas Medical Association
American College of Surgeons
West Texas Transplant Society
Society of Laparoendoscopic Surgeons
American Institute of Ultrasound in Medicine
The Southwestern Surgical Congress
American College of Physician Executives
Wilderness Medical Society
American College of Preventive Medicine
Aerospace Medical Association Executive Council
American Society of Aerospace Medicine Specialists
Society of NASA Flight Surgeons- Vice President, President
Space Medicine Association- Executive Committee
Space Surgical Association- Executive Committee
Life Sciences and Engineering Branch of AsMA- President

Urological

American Board of Urology - Diplomat
American Urological Association - Active
American Association of Clinical Urologists
Society for Basic Urologic Research
Endourologic Society
Texas Urologic Society
Society of University Urologists

Society of Academic Urologists
Societe Internationale D'Urologie
Society of Robotic Surgeons

Oncological

Society of Urologic Oncology
International Society for the Study of Comparative Oncology, Inc.
Southwest Oncology Group
American Society of Clinical Oncology
Society of Surgical Oncology

Military Medicine

American Aerospace Medicine Association
- Space Medicine Branch
- Society of United States Air Force Flight Surgeons
- Society of United States Naval Flight Surgeons
Association of Military Surgeons of the United States (AMSUS)
American Medical Corps Officers of the Navy (AMCON)

Scientific

American Association for Cancer Research - Associate Member
Sigma Xi, Scientific Research Society
American Association for the Advancement of Science
The New York Academy of Sciences

Space Science

1995-Present	National Space Society
1996-Present	American Astronautical Society
1997-Present	Planetary Society
1997-2003	The Society for Human Performance in Extreme Environments

Local and Regional Medical Service Committees

1992-1994	Texas Community Oncology Network Advisory Board
1993-1996	Renal Review Committee - UMC Hospital
1993-Present	American Cancer Society Board of Directors and Medical Advisory Committee
1995	American Cancer Society, President Elect of Board
1992-Present	Multidisciplinary Tumor Board and Cancer Care Quality Assurance Committee - UMC Hospital
1994	National Kidney Foundation Program Planning Committee
1995	Co-Chairman National Kidney Foundation of West Texas Medical Symposium Program Committee
1992-1996	South Plains Urological Association - Program Director
1993-1996	Texas Tech University Health Sciences Center Animal Care and Use Committee
1994-1996	American College of Surgeons Commission on Cancer
1993-1996	Pharmacy and Therapeutics Committee- UMC Hospital
1993-1996	University Medical Center Trauma Team and Committee Member
1995-1996	Medically Underserved Cancer Program Subcommittee - UMC Hospital
1995-1996	Cancer Prevention and Screening Subcommittee - UMC/ACS
1993-1996	CLIA Laboratory Supervisor - Office-based Laboratory

1996 -1998	Texas Tech Physicians Associates - Board of Directors
2017-Present	SGSU Board of Directors
2017-Present	SCSAUA Board of Directors

Professional Affiliations

1994	Diplomat of the American Board of Urology (#10727; recertified in 2014; expires 02/28/2024)
1995	Fellow, American College of Surgeons
2000	Diplomat of the American College of Preventive Medicine - Aerospace Medicine Specialist (#031959; expires 01/31/2020)
2007	Fellow, American College of Preventive Medicine
2009	Fellow, Aerospace Medical Association

4. Invited Lectures, Presentations, and Research Seminars:

1. Improved continence utilizing a modification in the Young-Dees-Ledbetter Bladder Neck Repair. North Central Section Meeting, Chicago, IL 1989.
2. Doppler Duplex Sonography in Renal Allografts: Causes of Elevated Resistive Index. North Central Section Meeting, Chicago, IL. 1989.
3. Extracorporeal Shock Wave Lithotripsy vs. Percutaneous Nephrostolithotomy for Management of Calyceal Diverticula Advances in Biliary and Urinary Shock Wave Lithotripsy Meeting, New Orleans, LA. March 1990.
4. Improved Results Utilizing a Modified Bladder Neck Reconstruction. American Urological Meeting, New Orleans, LA., May 1990.
5. Transrectal Prostatic Biopsy: Comparison of FNA vs. Biopsy @ Core Techniques. NCAUA Meeting, Scottsdale, AZ 11/1991.
6. Cellular Physiology of the Prostate. Endocrinology Research Symposium. Indiana University Library Research Bldg., Indianapolis, IN. 12/9/92.
7. Molecular and Cellular Biologic Research in Urology: Theory and Techniques. Urology Pyelogram Conference, Indiana University Hospital, Indianapolis, IN. 5/6/92.
8. Growth Factor Mediated Signal Transduction in BPH and Prostate Cancer. Urology-Oncology Laboratory Conference, Baylor College of Medicine, Houston, TX 5/19/92.
9. Oncogenes and Tumor Suppressor Genes: Strategies for Cancer Research. Urology Pyelogram Conference, Indiana University Hospital, Indianapolis, IN. 6/9/92.
10. A Comparison of Cellular Biochemistry between Normal and Hyperplastic Prostate Stroma. American Urologic Association Molecular Biologic Workshop, Houston, TX 8/92.
11. What is New in Urologic Oncology? Reese Air Force Base Noontime Seminar, Lubbock, TX, 10/92.

12. Inflammation as a mediator in the development of BPH: differences. Fortieth Annual James C. Kimbrough Meeting. Seattle, Washington 11/92.
13. Prostate Cancer Screening. Oncology Grand Rounds; Texas Tech University Health Science Center, Med-Net Live Broadcast, Lubbock, TX. 12/2/92.
14. Uncomplicated and complicated urinary tract infections. Resident House Officer Lectureship, Texas Tech University Health Sciences Center, Lubbock, TX 12/14/92.
15. Prostate Disease- Diagnosis and management. Internal Medicine Grand Rounds, Texas Tech University Health Sciences. Lubbock, TX 1/28/93.
16. Non-invasive BPH management strategies. South Plains Pharmacy Society Meeting Lectureship, Lubbock, TX 2/11/93.
17. Trends in the management of urologic disease. South Park Medical Group Seminar, Lubbock, TX 2/22/93.
18. Update on management of urological problems. South Plains Chapter of American Association of Medical Transcriptionists, Texas Tech University Health Sciences Center, Lubbock, TX 3/6/93.
19. An update on current urological management strategies. Gaines County Medical Society Meeting, Seminole, TX 3/8/93.
20. Current trends in urologic management. Permian General Hospital, Andrews, TX 03/15/93.
21. Diagnosis and Treatment of Urologic Tumors. Reeves-Ward-Winkler County Medical Society, Monahans, TX 04/08/93.
22. Cellular biochemistry of prostatic stroma. Molecular Biology Journal Club, Texas Tech University Health Sciences Center, Lubbock, TX 04/12/93.
23. Surgical approaches to management of urological malignancies. Surgical Grand Rounds, Texas Tech University Health Sciences Center, Lubbock, TX 04/28/93.
24. Alternative to surgical management of benign prostatic hyperplasia. Plainview Family Practice Association, Plainview, TX 06/30/93.
25. Advances in the management of benign prostatic hyperplasia. Family Practice House Officers, Lubbock, TX 06/30/93.
26. Genitourinary trauma. Live Broadcast with Texas Tech University Health Sciences Center HealthNet, Lubbock, TX 07/07/93.
27. Medical therapy for prostate cancer. Texas Tech University Health Sciences Center, Grand Rounds Internal Medicine, Lubbock, TX 07/29/93.
28. Cancer chemoprevention: Prostate prevention trial. Texas Tech University Health Sciences Center, Oncology Grand Rounds, Lubbock, TX 08/25/93.

29. Benign prostate hyperplasia - defining the clinical manifestation and treatment. South Plains Osteopathic Physicians, Ruidoso, NM 09/11/93.
30. Benign prostatic hyperplasia and prostate cancer. Hockley County Medical Society, Levelland, TX. 09/21/93.
31. Issues in urologic oncology. Invited Clinicians, Midland, TX. 09/23/93.
32. Genitourinary trauma. Texas Tech University Health Sciences Center Emergency Room Physicians & Nursing Staff, Lubbock, TX 09/27/93.
33. Management of diseases of the prostate. Tri-County Medical Society, Lamesa, TX. 10/21/93.
34. The use of the dorsal venous ligator in radical prostatectomy and other urologic procedures. Kimbrough Urological Seminar, San Diego, CA. 10/29/93.
35. Management of prostate disease in the 1990's. Lea County Regional Hospital Medical Staff, Hobbs, NM. 11/04/93.
36. News media release to local television, radio, newspaper journalists, public relations office regarding medical background information, Prostate Cancer Prevention Trial, Lubbock, TX. 11/17/93.
37. Prostate cancer staging and management and the Prostate Cancer Prevention Trial. Medical Education Program, Lubbock, TX. 12/16/93.
38. Prostate disease from a primary care viewpoint. Student Health, Texas Tech University Health Sciences Center, Lubbock, TX 01/20/94.
39. The use of dorsal venous ligation with anterior urethropexy in radical retropubic prostatectomy. Fourth International Prostate Cancer Update, Beaver Creek CO 01/27-30/94.
40. Urological Trauma. Critical Care Nurses, Texas Tech University Health Sciences Center, Lubbock, TX. 03/04/94.
41. Highlights of the 1994 breast/prostate cancer meetings, description of the PCPT. Participants and Community Urologists of Prostate Cancer Prevention Trial, Texas Tech University Health Sciences Center, Lubbock, TX. 04/04/94.
42. Prostate Cancer Prevention Trial and other SWOG Urologic Cancer clinical trials, South Plains Urologic Association, Lubbock, TX 04/04/94.
43. Urinary tract infections. Live broadcast with HealthNet at Texas Tech University Health Sciences Center, Lubbock, TX 04/06/94.
44. Unique characteristics of neoplastic cells and highlights of breast/prostate cancer symposium. Molecular Biology Journal Club, Texas Tech University Health Sciences Center, Lubbock, TX. 05/05/94.

45. Early detection of prostate cancer. 2nd Annual Current Topics in Family Practice: Cancer Diagnosis and Prevention Conference, Sheraton Hotel, Lubbock, TX 06/04/94.
46. Testicular Self-Examination. 2nd Annual Current Topics in Family Practice: Cancer Diagnosis and Prevention Conference, Sheraton Hotel, Lubbock, TX 06/04/94.
47. An update in the diagnosis and management of adult prostate disease. Sierra Medical Center, El Paso, TX 06/21/94.
48. Current management of adult urologic malignancies. Providence Memorial Hospital, El Paso, TX 06/21/94.
49. Current treatment options for patients with urologic malignancies. Oncology Grand Rounds, Texas Tech University Health Sciences Center, Lubbock, TX. 07/27/94.
50. Trends in Managing Urologic Trauma. Critical Care Nurses, Texas Tech University Health Sciences Center, Lubbock, TX 07/28/94.
51. Results in the use of dorsal venous ligation with anterior urethropexy in radical retropubic prostatectomy. 73rd Annual Meeting of South Central Section of the American Urological Association, Inc., Vancouver, BC 08/29/94
52. Impact of managed care on academic health centers. Medical Seminar: Medicine in the 1990's and beyond- The physician's perspective. American State Bank Conference Room Lubbock, TX. 06/22/95
53. Use of Collagen in post-prostatectomy urinary incontinence. US TOO! International, Inc., Support network for prostate cancer. St. Paul's Episcopal Church, Lubbock, TX 09/19/95.
54. Identifying Victims of Abuse in the Clinical Setting. Assessment and Intervention in Domestic Violence Seminar. Texas Tech University Health Sciences Center-School of Allied Health Lubbock, TX. 10/20/95.
55. Advanced Renal Cell Carcinoma Treatment Options. Applied Immune Sciences sponsored seminar, McInturff Conference Center, Lubbock, TX. 11/11/95.
56. Management of prostate cancer for primary care physicians. Family Practice and Community Preventive Medical Department, Texas Tech University Health Sciences Center, Lubbock, TX 12/19/95.
57. Diagnostic evaluation of transplant recipient. Nephrology Lecture Series for Internal Medicine at Texas Tech Univ. HSC, Lubbock, TX 1/16/96.
58. Urology Evaluation of the Transplant Patient. West Texas Transplant Society Meeting, Lubbock, TX 3/12/96.
59. Prostate Cancer Early Diagnosis and Treatment; Prostate Cancer Prevention Trial. Medically Underserved Outreach Program- Witness Program Group, New Hope Baptist Church, Lubbock, TX 6/14/96.

60. State of the Art Treatment of Testes Cancer: Nerve Sparing Retroperitoneal Lymph Node Dissection and Molecular Prognostic Testing- San Antonio Urologic Society Meeting, San Antonio, TX 10/18/96.
61. Bio effects of Space Radiation- International Space University Summer Session, Rice University, Houston, TX 6/20/97.
62. Appropriate Prostate Cancer Staging- Symposium on Local Prostate Cancer Management, Melia Cancun Hotel, Cancun, Quintana Roo, Mexico, 2/13/98
63. Characterizing the Bio effects of Space Radiation and Strategies to Diminish the Aftermath- Lunar and Planetary Institute Seminar, Center for Advanced Space Studies, Houston, TX 2/20/98.
64. Chemotherapy for Prostate Cancer - Symposium on Advanced Prostate Cancer Management, Hyatt Regency Resort and Spa, Kuauai, Hawaii, 5/1/98.
65. Reduction in Space Radiation-Induced Bio effects with a Chemoprevention Strategy. Aerospace Medical Assoc. Annual Meeting, Seattle, WA May, 98.
66. Cervical Spinal Injury in Pilots of High Performance Aircraft. Aerospace Medical Assoc. Annual Meeting, Seattle, WA May, 98.
67. Mammalian Cells Treated with Chemoprevention Agents Show Alterations in Bio effects from Space Radiation. American Institute for Aeronautics and Astronautics Technical Symposium, Houston, TX May, 1998.
68. "Biomedical Hazards of Space Flight" and "Bio effects of Space Radiation" during International Space University Summer Session, Cleveland State Univ. Cleveland, OH 7/1-3/98.
69. "Operational Military Aviation Medicine" at Pushing the Envelope III, From the Mountains of the Earth to the Mountains of the Moon, Nassau Bay, TX 10/1-3/98.
70. Case Presentation on Renal Calculus during a Mission to Mars. Pillars of Biology Conference on Space Medicine Strategic Planning, League City, TX Sept, 1998.
71. Urology and Space Medicine, Treating Urinary Calculi in microgravity. Innovations in Urologic Practice Conference, Santa Fe, NM 9/24/98.
72. Operational Military Aviation Medicine. Pushing the Envelope III: From the Mountains of the Earth to the Mountains of the Moon, Nassau Bay, TX 10/3/98
73. Results of Countermeasures Studies in Renal Calculus Prevention, NASA Space Biomedical Investigators Meeting, Nassau Bay, TX 1/99.
74. Spinal Injuries in Aviators of High Performance Aircraft, NASA/JSC Aviation Safety Meeting, Houston, TX 3/99.
75. Endoscopic Surgery and Telemedicine In Zero Gravity, Contingency Procedures for Exploratory Class Missions; Telemedicine during Lunar Mars Life Support Test

- Program Phase III, American Institute of Aeronautics and Astronautics Annual Technical Symposium, Houston, TX 5/99.
76. American Society for Reproductive Medicine Annual Convention, Zeneca Pharmaceuticals Group Lectureship- "Clinical Space Medicine: Medical Issues for Man's Exploration of Mars" Toronto, Ontario, Canada, 6/99.
 77. Radiation Health Program for Astronauts, Aviation Safety Crew Briefing, NASA/JSC, Houston, TX 6/99.
 78. Lectures: "EMU & Medical Issues of EVA" - EVA Workshop, "Space Weather and Radiation Issues" during the Moon-Mars Theme Block, "Space Radiation Bio effects", and "ISS Crew Health Maintenance System", International Space University, Suranaree Univ. of Technology, Nakhon Ratchasima, Thailand, 8/1-16/99.
 79. Aerospace Medical Primary Course, USAF- "The Role of the Flight Surgeon at NASA," NASA/JSC Bldg. 30 Auditorium Houston, TX, 4/8/00.
 80. Texas Aerospace Scholars Program, NASA/JSC- "Practicing Space Medicine on ISS and on Mars"- Bldg. 12, NASA/JSC Houston, TX, 6/22/00.
 81. Humans and Robots Living and Working in Space NASA/JSC Seminar Course: Session: Automation and Health Care in Space; Lecture: "Biomedical Applications of Advanced Technology for Human Exploration" Bldg. 9, Electronic Classroom, NASA/JSC Houston, TX 6/27/00.
 82. Medical Informatics and Technology Applications Consortium "Ultrasound in Microgravity at NASA/JSC"- Hilton Hotel Nassau Bay, Houston, TX, 7/25/00
 83. Annual Nuclear and Space Radiation Effects Conference, Institute of Electrical and Electronics Engineers- "Space Medicine: "The biologic and clinical effects of space radiation in low earth orbit and interplanetary space" Silver Legacy Hotel, Reno, Nevada 7/27/00.
 84. Aerospace Medicine in Space Operations Course, "Alterations in the Musculoskeletal System associated with Prolonged Microgravity and Countermeasures for Long Duration Spaceflight" USAF School of Aerospace Medicine, Brooks, AFB, San Antonio, TX 8/30/00.
 85. Aerospace Medicine in Space Operations Course, "Medical Operations Considerations of Space Radiation Exposure for Current and Future Space Missions" USAF School of Aerospace Medicine, Brooks, AFB, San Antonio, TX 8/30/00.
 86. 8th Innovations in Urologic Practice, "Management of Hormone-Refractory Prostate Cancer" Baylor College of Medicine, Hilton Resort and Conference Center, Santa Fe, NM 10/7-8/00.
 87. Keynote Address- Omicron Delta Kappa National Leadership Honor Society Meeting, "Confronting the Hazards of Space Travel to the Moon, Mars and Beyond"- University of Houston, Houston, TX, 11/8/00.

88. USAF Residents in Aerospace Medicine Lecture Series, “International Space Station Medical Operations” and “Musculoskeletal Physiology and Countermeasures for Long Duration Space Flight” NASA/JSC, Houston, TX, 1/17-18/01.
89. Dept. of Urology Grand Rounds, “Genitourinary issues in Spaceflight “Baylor College of Medicine- St. Luke’s Tower, Houston, TX, 2/7/01.
90. Aerospace Medicine: Current Practices Course, “ISS Medical Support”, University of Texas Medical Branch, Galveston, TX, 2/12/01.
91. Aerospace Vision Working Group: ‘Radiation Ocular Effects’, NASA/JSC, Houston, TX 2/23/01
92. Aerospace Medicine Grand Rounds: “Mars Medical Operations Simulations at the Haughton Crater on Devon Island,” Center for Advanced Space Studies, Houston, TX, 5/01/01.
93. Aerospace Medicine Short Course: ‘Aerospace Radiation Issues’ and ‘Space Adaptation Countermeasures’ University of Texas Medical Branch, Galveston, TX 7/31/01.
94. ‘Space Medicine and Research to Push the Medical Frontiers’ Internal Medicine Grand Rounds Kingston General Hospital and ‘Medical Planning for a Manned Mission to Mars’- Guest Lecture to 24th Annual Obstetrics and Gynecology Memorial Scientific Program, Queen’s University Medical Center, Kingston, Ontario, October 18-19, 2001, NASA Public Affairs Office Speaker.
95. Keynote Address- Space Medicine and Research to Push the Frontiers: Prevention Strategy for Genitourinary and Skeletal Diseases Research on Calcium Kinetics (R.O.C.K) Society Annual Meeting San Antonio, TX 2/02, NASA Public Affairs Office speaker.
96. ‘Technologies for microbial detection to support both vehicle/habitat medical monitoring and planetary astrobiology during human surface exploration of Mars’. Aerospace Medicine Association 73rd Annual Scientific Meeting Montreal, Quebec, Canada May 8, 2002.
97. Countermeasures to maintain human systems and enhance performance during long duration spaceflight microgravity: refinements from lessons learned during NASA/Mir. Human Factors Session of Aerospace Medicine Association 73rd Annual Scientific Meeting Montreal, Quebec, Canada May 8, 2002.
98. NASA, Urologic Issues for Spaceflight’ New Advances in Prostate Cancer AstraZeneca French-American Symposium, Kennedy Space Center, FL, May 26, 2002, NASA Public Affairs Office speaker.
99. Mission Issues for Manned Exploration of Mars, Canadian Urologic Society Annual Scientific Program, Kennedy Space Center, FL, May 26, 2002, NASA Public Affairs Office speaker.
100. Technologies for Microbial Detection on Mars, Environmental Sentinels Workshop 2002: Envisioning the Future of Monitoring Technologies for the Space, Terrestrial,

- and Defense Environments, Regent Park Conference Center, Houston, TX September 2002.
101. Medical Planning for a Mars Expedition, British Interplanetary Society Symposium on Mars Exploration London, England February 24, 2003.
 102. Overview of International Space Station Medical Support, Pushing the Envelope V: Medicine in Extreme Environments, Galveston, TX March 21, 2003.
 103. Development of imaging protocols for in-flight screening of genitourinary diseases on the International Space Station (ISS), Aerospace Medicine Association 74th Annual Scientific Meeting San Antonio, TX May 7, 2003.
 104. Tri-Service Residents in Aerospace Medicine “International Space Station Medical Operations” and “Musculoskeletal Physiology and Countermeasures for Long Duration Space Flight” NASA/JSC, Houston, TX, May 12-14, 2003.
 105. Immune System Alterations during Simulated Mars Planetary Exploration at the Haughton Impact Crater (high Canadian arctic): resolution of specific clinical responses vs. mission-associated dysfunction. 14th International Academy of Astronautics - Humans in Space Symposium: Living in Space: Scientific, Medical, and Cultural Implications: Physiology 1 Session Banff, Alberta, Canada May 19, 2003.
 106. Development of Diagnostic Imaging Capability for the International Space Station (ISS) and Implications for Future Spaceflight. 14th International Academy of Astronautics- Humans in Space Symposium: Living in Space: Scientific, Medical, and Cultural Implications: Medical Care 1 Session Banff, Alberta, Canada May 21, 2003.
 107. Surgical and Medical Issues for Spaceflight. Department of Surgery Grand Rounds, University of Texas Health Sciences Center at Houston, Houston, TX July 15, 2003.
 108. Chemotherapy for Advanced Prostate Cancer and Osteoclast Inhibitors 101. 11th Annual Innovations in Urologic Practice Santa Fe, New Mexico Sept 19, 2003.
 109. Management of Stage A Non-Seminomatous Germ Cell Tumors. 11th Annual Innovations in Urologic Practice Santa Fe, New Mexico Sept 19, 2003.
 110. Issues for Surgery in Spaceflight. Department of Surgery Grand Rounds, A. Webb Roberts Hospital, Baylor Medical Center, Dallas, TX November 19, 2003.
 111. “Medical and Surgical Issues for the Exploration of Space” Resident Luncheon Guest Speaker, Society of Government Service Urologists 51st Annual Kimbrough Symposium, San Antonio, TX January 15, 2004.
 112. “Life and Medical Support System Terrestrial Analog Utilization to Prepare for Human Solar System Exploration” Lunar and Martian Exploration Track, Session – Mars on Earth: Engineering, Construction and Operations in Terrestrial Analogs, American Society of Civil Engineering- Earth and Space 2004 Conference, South Shore Harbour Conference Center League City, TX March 10, 2004.

113. "Space Flight Diseases and Injuries: Diagnosis and Treatment" Aerospace Medical Assn. Annual Meeting, Anchorage, AK, May 4, 2004.
114. "Imaging Protocols for Genitourinary Conditions on the International Space Station (ISS)" American Urological Assn. Annual Meeting, San Francisco, CA, May 12, 2004.
115. "Considerations for Mars Exploration and Bone Health during Long Duration Spaceflight" Clemson University, South Carolina, July 8, 2004.
116. "Considerations for Nutritional Chemoprevention during Spaceflight", 8th International Conference for Nutrition and Cancer, Honolulu, HI, March 10, 2005.
117. "Genitourinary and Reproductive Issues in Space: A Report from NASA" University of Texas Medical Branch - 'Sex and the Heart' Symposium, Galveston, Texas, April 23, 2005.
118. "Countermeasures for Muscle and Bone Losses on Exploration Missions: "How can we use the ISS to learn what we need to know? Panel session: The Exploration Vision, Bioastronautics, and Space Medicine Research at the Aerospace Medical Assn. Annual Meeting, Kansas City, MO May 10 2005.
119. "New Vehicles under design to Open Exploration of the Moon and Beyond: Space Medical Considerations" AsMA Annual Meeting, Orlando, FL May 2006.
120. "CEV/Lunar Medical Contingency Management and Medical Care Systems. AsMA annual meeting, Orlando, FL May 2006.
121. "Biomedical Concerns for Mars Exploration" 2nd Mars Expedition Planning Symposium, University of British Columbia Vancouver, British Columbia, Canada, August 6, 2005.
122. "Prostate Cancer Aeromedical Concerns in 2005" Multilateral Space Medicine Board face-to-face Meeting, Center for Advanced Space Studies, Houston, TX Sept 13, 2005.
123. "Prostate Cancer: Watchful Waiting vs. Early Intervention" 13th Annual Innovations in Urological Practice meeting, Santa Fe, New Mexico, Sept. 24, 2005.
124. "Best Practices vs. Experimental Therapy for Patients with Hormone-Refractory Prostate Cancer" 13th Annual Innovations in Urological Practice meeting, Santa Fe, New Mexico, Sept. 24, 2005.
125. "NASA's Exploration Architecture: Space Medicine, Challenges, Opportunities, Constraints" and "Medical Operations Exploration" Surgical Science in Support of Human Exploration Workshop, Hilton Hotel Conference Center, Nassau Bay, TX Dec 4, 2005.
126. "What you want to Know about Space Medicine" River Oaks Breakfast Club, River Oaks Country Club, Houston, TX, 2006.

127. “New Vehicles under design to Open Exploration of the Moon and Beyond: Space Medical Considerations. Panel session on Crew Exploration Vehicle and Lunar Exploration at the Aerospace Medical Association Annual Meeting, Orlando, FL May 16, 2006.
128. ‘Astronaut Oxidative Stress Evaluation and the Development of Countermeasures for Radiation and other Sources’ Radiation Countermeasures Workshop, South Shore Harbor Conference Center, Houston, TX, Oct 31, 2006.
129. “Space Medicine: A GU Surgeon’s View on What’s New, What’s Tomorrow and What Yet May Be.” Keynote Address Society of Government Service Urologists Annual Meeting, Westin-Galleria Houston, TX, Jan 15, 2007.
130. “Apollo Medical Operations Project: Recommendations for the New Extravehicular Activity (EVA) Mobility Unit (EMU).” AsMA Annual Meeting, New Orleans, LA, May 16, 2007.
131. “Apollo Medical Operations Project: Recommendations for Exploration Exercise, Food and Nutrition.” AsMA Annual Meeting, New Orleans, LA, May 16, 2007.
132. “Haughton Mars Project (HMP)/ NASA 2006 Lunar Medical Contingency Simulation- Training Elements and Medical Diagnostics.” AsMA Annual Meeting, New Orleans, LA, May 16, 2007.
133. “Medical Operations: Exploration Health Concerns and the Technology Required for Mission Support” NASA Microarray Workshop 2007: Advancing Microarray Technology for Space Applications Marshall Spaceflight Center, Huntsville, AL September 28, 2007.
134. “Medical Operations: Exploration Health Concerns and Reference Architecture” Keynote address- Exercise Countermeasures Project- Bone Metabolism during Spaceflight Workshop USRA/Center for Advanced Space Studies, Houston, TX October 4, 2007.
135. “Medical Data Review / Long-term Musculoskeletal Health Issues and Musculoskeletal Clinical Summit Results Bone Metabolism during Spaceflight Workshop USRA/Center for Advanced Space Studies, Houston, TX October 4, 2007.
136. “Medical Issues for Lunar Surface Activity and EVA” Lunar Atmospheric Dust Toxicity Advisory Group Meeting, SSH Conference Center, Houston, TX November 6, 2007.
137. “Critical Biotechnologies for Common Needs of NASA and DOD” Splinter Track- Cyanobacteria and Algae for Ethanol Production and CO2 Capture, Pacific Rim Summit on Industrial Biotechnology and Bioenergy. Honolulu, HI, Nov 16, 2007.
138. “Urolithiasis and Genitourinary Issues during spaceflight” 2nd Annual Urolithiasis Symposium; Indianapolis, IN April 2008; April 18, 2008.
139. “Urologic Issues during Spaceflight and Medical System for Exploration Missions” Urology Grand Rounds, Baylor College of Medicine, Houston, TX; April 23, 2008.

140. "Lunar Surface Operational Challenges" AsMA Annual Meeting, Boston, MA May 13, 2008.
141. "Understanding Lunar Dust Hazard and Mitigation Strategies via Habitat Airlock/Suitlock and Other Engineering Approaches" AsMA Annual Meeting, Boston, MA, May 13, 2008.
142. "Enabling Physiological and Biomechanical Science for Lunar Surface EVA" AsMA Annual Meeting, Boston, MA May 14, 2008.
143. "Occupant Protection during Crew Exploration Vehicle Landing" Extravehicular Activity Session. NASA Human Research Program Investigator's Workshop, League City, TX Feb 3, 2009.
144. "Space Medicine: Long Duration Mission Issues and Concepts for Exploration: American Institute for Aeronautics and Astronautics- Houston Section, Dinner Meeting-March 4, 2009, Gilruth Center, Houston, TX.
145. "Use of potassium citrate to reduce the risk of renal stone formation during spaceflight." AsMA Annual Meeting, Los Angeles, CA May 4, 2009.
146. "Oxidative stress and antioxidants: Future directions for NASA." AsMA Annual Meeting, Los Angeles, CA May 6, 2009.
147. "Overview of Orion, Constellation Program and Crew Injury Protection" Advanced Technologies and New Frontiers in Injury Biomechanics with Military and Aerospace Applications Program. Virginia Tech/ Wake Forest Univ. Arlington, VA/Washington, DC, August 4, 2009.
148. "Environmental and Physiological Health Issues for Spaceflight" Aerospace Medicine Short Course, University of Texas Medical Branch, Galveston, TX June 5, 2010.
149. "Surgery, Spaceflight and Planetary Exploration" Aerospace Medicine Short Course, University of Texas Medical Branch, Galveston, TX June 5, 2010.
150. "Space Exploration Analogs for Training Astronaut Physicians." Aerospace Medicine Short Course, University of Texas Medical Branch, Galveston, TX June 5, 2010.
151. "Testes Cancer Management Update: What's New in Diagnosis and Treatment" BCM: Innovations in Urologic Practice, MD Anderson Cancer Center October 16, 2010.
152. "Reducing Oxidative Stress in Astronauts and Terrestrial Workers: Impact of Diet in Reducing Life Shortening in Mice Exposed to Total Body Radiation" presented on November 9 at the 4th International Conference of Chronic Radiation Exposure: Low Dose Effects. Chelyabinsk, Russia, November 9-11, 2010.
153. "The National Space Program and Implications for Our Future in Scientific Research and Medicine." High Noon Rotary Club, Durango, CO, April 2011.
154. "Lymph Node Dissection in Renal Surgery" 20th Annual Innovations in Urologic Practice Santa Fe New Mexico, October 5-7, 2012

155. “Invocation and Benediction” Society of United States Naval Flight Surgeons Annual Luncheon Meeting, Aerospace Medical Association, Chicago, IL, May 13, 2013.
156. “Management of rising PSA after Radical Prostatectomy” 20th Annual Innovations in Urologic Practice, Santa Fe, New Mexico September 27-29, 2013
157. “Vibration and G-loading induced cervical and lumbar pain” 2015 U.S. Naval Aeromedical Conference (USNAC), Pensacola, Florida January 12-15, 2015.
158. “Space Medicine, the Role of the Flight Surgeon, GU issues in space and updates from COSPAR 2014” Urology Grand Rounds, Houston, TX, February 4, 2015.
159. “Assessing the Risk of Crew Injury Due to Dynamic Loads during Spaceflight”.
160. “Planned Medical Capabilities for the Constellation Program” The National Space Biomedical Research Institute Surgical Capabilities for Exploration and Colonization Space Flight – An Exploratory Symposium. Houston, TX December 9, 2015.
161. “Assessing the Risk of Crew Due to Dynamic Loads during Spaceflight” Moscow November 9-12, 2015
162. “Developing Countermeasures for Radiation-Induced Oxidative Damage during Spaceflight Moscow November 9-12, 2015.
163. “Developing an exercise methodology, evaluated by ultrasound monitoring, for improving and maintenance of cervical strength, endurance and range of motion in pilots and cosmonauts” Moscow November 9-12, 2015.
164. “Below the Beltline: 2016 Insider’s Guide to Male and Female Pelvic Health across the Lifespan. Houston Methodist Research Institute, April 2, 2016.
165. “International Collaboration for Development of Cervical Spine Health Maintenance Program in Air and Space Crew” AsMA Annual Meeting, Atlantic City, NJ, April 24-28, 2016.
166. “Assessing the Rise of Ionizing Radiation and other Hazards of Exploration Class Space Missions” Center for Space Medicine, Houston TX, October 20, 2016.
167. “Space Medicine and Urologic Issues during Spaceflight” Egyptian Urologic Association, Sharm El Sheikh Egypt, November 28, 2016. Opening ceremonies keynote invited lecture.
168. “Space Medicine, Flight Surgeons, and What People need to worry about on a mission to Mars” American Association of Bioanalysts, Annual National Meeting, Westin Galleria, Houston TX May 19, 2017
169. “Locally Recurrent and Options for Focal Therapy with Local Disease” 22nd Annual Innovations in Urologic Practice, Inn and Spa at Loretto, Santa Fe, New Mexico, September 28, 2017.
170. “Space Radiation-Risks to Crew and Mitigation Strategies” BCM Center for Space Medicine, Houston, TX October 19, 2017.

171. "Focal Therapy for Prostate Cancer Debating the Pros and Cons" 23rd Annual Innovations in Urological Practice, Inn and Spa at Lorreto, Santa Fe, New Mexico, September 15, 2018.
172. "Space Radiation - Risks to Crew and Mitigation Strategies" Center for Space Medicine, Houston, TX October 11, 2018.
173. "Disorders and Threats from Radiation Exposure during Spaceflight" 34th International Reunion of Aerospace Medicine, San Carlos, Sonora, Mexico, October 17-20, 2018
174. "HEAT Registry Update & Society of Ablative Urologic Surgeries" 3rd Annual Sonacare User Group meeting, Charlotte, NC, October 20, 2018
175. "Brachytherapy for the VA Patient - The Process of Optimizing Care" ABS -MD Anderson Winter Prostate and GYN School and Prostate LDR/HDR Workshop November 30, 2018
176. "Veteran Healthcare in Urology" American Urological Association Annual Advocacy Summit 2019, Hyatt Regency Capitol Hill, Washington, DC March 6, 2019.
177. "The Need for Standardization Of Urologic Equipment, Processes and Procedures at VA Medical Centers – How do we Unify and Achieve" Urological Society for American Veterans (USAV) Annual Meeting, Chicago, IL May, 5, 2019.
178. "Overview of VHA System and VA Urology" 67th Annual James C. Kimbrough Urological Seminar, Charlotte, NC, January 17, 2020
179. "Ethical Dilemmas in Aerospace Medicine" Aerospace Medical Association Zoom Meeting, Sept 2021, Dec 2020
180. "PCA Treatment and Research Bill" AUA Legislative Advocacy, April 2021
181. "Focal Therapies for Prostate Cancer- Current Status and Future Directions" SDU Grand Rounds" Houston, Tx Zoom July 2021
182. "Summary Report of the CSF/MITRE Workshop to Create a Human Research Program for Spaceflight Participant in the Commercialization of Space" Commercial Spaceflight Federation and The MITRE Corporation, May 11-12, 2021
183. "Establishing a National Prostate Cancer Program in the Veterans Administration" American Urological Association Advocacy Summit 2021, July 20, 2021
184. "Urologic Society for American Vererans" American Urological Association Advocacy Summit, July 20, 2021
185. "Ethical Dilemmas in managing Aerospace Medicine Clinical Problems" Aerospace Medical Association Annual Conference in Denver, CO; Sept 1, 2021
186. "Prostate Cancer Management – Moderator" Innovations in Urology, September 2021
187. "'VA/Military Breakout Session – Moderator" South Central Section – AUA, October 2021

188. “Medical Issues during Human Spaceflight” CSF/MITRE Workshop to Create a Human Research Program for Spaceflight Participant in the Commercialization of Space
189. “Ethical Dilemmas in Clinical Aerospace Medicine” Aerospace Medical Association Annual Conference in Reno, NV; May 26, 2022
190. “Veterans and Prostate Cancer Background and Statistics” Jeffrey Jones, MD- Zero Congressional Webinar Feb 3, 2022
191. “Commercial Space Medical Standards for Space Tourists, Crew, and Pilots/Professional astronauts.” Jeffrey Jones, Michael Acromite, Dwight Holland, and Michael Schmidt January 2023.

C. Publications:

1. Full Papers:

a. Published in Peer-Reviewed Journals:

1. Nag A, **Jones JA**, Smith RG: Point mutation in cHa-ras oncogene in normal and abnormal cells. *Lancet* 1(8632):274-6, Feb 1989 [PMID: 2563432]; *Lancet* Mar 1989, pp 668-9.
2. Don S, Kopecky K, Filo RS, Leapman SB, Thomalla JV, **Jones JA**, Klatter EC: Duplex sonography in renal allografts causes of elevated resistive index. *Radiology* 171(3):709-712, Jun 1989 [PMID: 2655003].
3. **Jones JA**, Ganesan GS, Cory D, Mitchell ME: Magnetic resonance imaging of a seminal vesical cyst and review of the imaging modalities. *Indiana Medicine* 83:322-326, May 1991.
4. Ganesan GS, Mitchell ME, Cory D, **Jones JA**: Magnetic resonance imaging of a penile rhabdomyosarcoma. *British J Radiol* 65(770):175-8, Feb 1992.
5. **Jones JA**, Mitchell ME: Improved results utilizing a modification of the Young-Dees Ledbetter bladder neck repair. *Urology Times* 18(2):1, Feb 1990.
6. Donohue JP, Foster R, Rowland RA, Bihrl R, **Jones JA**, Geier G: Nerve sparing retroperitoneal lymphadenectomy with preservation of ejaculation. *J Urol* 144(2pt1):287-91, Aug 1990.
7. Donohue JP, Foster RS, **Jones JA**, Geier G: Nerve sparing preserves sexual function. *Contemp Urol*, pp 41-46, Dec 1989.

8. Hardacre J, Goulet RH, Einhorn LH, Loehrer PJ, **Jones JA**, Donohue JP, Madura JA: Hepatic resection for metastatic testicular cancer. *Annals of Surgery* 212(3):290-310, 1990.
9. **Jones JA**, Lingeman JE, Steidle CP: ESWL vs. PCNL in the management of pyelocaliceal diverticula. *J Urol* 146(3):724-7, 1990.
10. Lingeman JE, **Jones JA**: Treating pyelocaliceal diverticula. *Contemp Urol* 3:35-41, May 1991.
11. **Jones JA**, Foster R, Bihrl R: Hepatic mobilization: Useful, expeditious maneuver. *Contemp Urol*, vol 4, Aug 1992.
12. **Jones JA**, Mitchell ME, Rink RC: Improved results utilising a modification in the YDL bladder neck repair. *Br J Urol* 71:555-61 1993.
13. Vlahos CJ, Kriauciunas TD, Gleason PE, **Jones JA**, Eble JN, Salvias DR, Hirsch KS: Platelet-derived growth factor-induced proliferation of cells from human prostatic hyperplasia. *J Cell Biochem* 52:404-13, 1993.
14. Gleason PE, **Jones JA**, Regan JR, Eble JN, Lamph WW, Vlahos CJ, Huang W, Falcone JF, Hirsch KS: Platelet derived growth factor (PDGF), androgens inflammation: Possible etiologic factors in the development of prostatic hyperplasia. *J Urol* 149:1586-92, June 1993.
15. **Jones JA**, Gleason PE, Regan JR, Salvias DR, Eble JN, Lamph WW, Vlahos CJ, Huang H, Hirsch KS: A model of inflammation as an etiologic agent in the development of prostatic hyperplasia: the roles of PDGF and androgens. Society for Basic Urologic Research Meeting AND Essay Contest May 1992.
16. de Riese W, de Riese C, Ullbright T, Walker E, Messemer J, **Jones JA**, Reister T, Albers P, Allhoff E, Foster R, Donohue J: Flow-cytometric and quantitative histologic parameters as prognostic indicators for occult retroperitoneal disease in clinical-stage-I non-seminomatous testicular germ cell tumors. *Int J Cancer* 57:628-33, 1994.
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96. Popov, D and **Jones, JA** Considerations for development of Immune-prophylaxis for coronavirus infections *Research Gate* August 2020
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100. Zachary B Kahlenberg, Octav Cristea, Danielle J Carroll, et al, **Jeffrey A Jones**

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101. Ryan Keller, William Porter, Karthik Goli, Reece Rosenthal, Nicole Butler, and **Jeffrey Jones** Biologically-based and Physiochemical Life Support and In Situ Resource Utilization for Exploration of the Solar System- Reviewing the current state and defining future development needs Life / MDPI- Sept 2021 doi: 10.3390/life1305666
102. Sawan R Dalal, Vignesh Ramachandran, et al **Jeffrey A Jones** Increased Intraocular Pressure in Glaucoma, Ocular Hypertensive, and Normotensive Space Shuttle Crew Aerospace Medicine and Human Performance- 2021 Sept 1;92(9):728-733 PMID: 34645553 DOI: 10.3357/AMHP.5455.2021
103. Kelly Lehner, Shreeya Popat, Katherine Utech, Jennifer Taylor, Michael Brooks, **Jeffrey Jones** Outcomes of prostatic urethral lift in a medically complex population at a veterans affairs hospital May 2022 BJUI Compass. 2021 Dec 4; 3(3):214-219. PMID: 35492222 PMCID: PMC9045564 doi: 10.1002/bco2.126

b. Accepted or In Press:

1. White paper Blue Light Cystoscopy for Bladder Cancer
2. Planetary Surface Bio-based ISRU
3. Potential impact of ConfirmMDx for Prostate Cancer risk characterization in the Veterans Health Administration
4. Jones JA, Foster RF, Donohue JP: Results in management of extragonadal germ cell tumors (in preparation).
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6. Taylor, J, Jones, JA et al White paper- Blue Light Cystoscopy for Bladder Cancer
7. Keller, R, Jones, JA et al Planetary Surface Bio-based ISRU

2. **Other Full Papers:**

a. Published Without Review by Peer Group:

1. **Jones JA**, Eden AR: Neuroanatomic studies on the vestibular efferent system of the pigeon using a double-label fluorescent tracer technique. (Read before the Dept. of Otolaryngology Research Symposium, UTMB, Galveston, TX, 1981).
2. Johnston S, **Jones JA**, Campbell M: The use of parabolic flights to evaluate new microgravity techniques in advanced cardiac life support, endoscopic surgery, ventilation support, crew medical restraint, defibrillation, crew medical officer training and physiological monitoring. NASA/JSC document 28318- KC-135 and Other Microgravity Simulations Summary Report of the Space and Life Sciences Directorate, Medical Sciences Division, Aug 1998.

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3. Abstracts Given During Last Three Years:

1. Srikishen N, CAPT **Jones JA**, Khera M “Initial Experience of Vasectomy Reversal at VA Medical Center” Society of Government Service Urologists- 64th Annual Kimbrough Urologic Seminar, San Diego, CA, January 11-15, 2017.
2. Pan M, Manadalapu R, CAPT **Jones JA**, Taylor JM “Blue Light Cystoscopy for the Management of Urothelial Bladder Cancer: A Prospective Registry at M.E. DeBakey VA Medical Center” Society of Government Service Urologists- 64th Annual Kimbrough Urologic Seminar, San Diego, CA, January 11-15, 2017.
3. Dowell A, Srikishen N, Taylor JM, Capt. **Jones JA**. “Three Year Single Site Experience in High-Risk Veterans with Prostatic Transprotatic Implant Treatment of BPH/LUTS” Society of Government Service Urologists- 64th Annual Kimbrough Urologic Seminar, San Diego, CA, January 11-15, 2017.
4. Leapman, MS, **Jones JA**, Coutinho K, Sagalovich D, Garcia MM, Olsson CA, and Stock JA, “Up and Away: Five Decades of Urologic Investigation in Microgravity” 08March2017, pages 1-8
5. **Jones JA**, Taylor JM, Pettaway C, Lowrance W, Jones A, Gonzales G, Franklin JD, Irizarry M, Ittmann M: “Challenges and Opportunities in Prostate Cancer Research at the ME DeBakey VA Medical Center” Veterans Affairs Urological Forum at the AUA National Meeting 2017, May 14, 2017.
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7. **Jones JA**, Scheuring RA, Ramakrishnan R, Filler RD, Perry CM, Shender BS, Baskin D; “Exercise Regimen for Mitigation of Acute and Chronic Pain in Military Aircrew” ASMA Annual Meeting, Denver, CO May 4th, 2017. AMHP 88(3) March 2017 abstract # 549 page 343.

8. **Jones JA**, Lislly C, Gonzales GN, Griffith D, Canfield S, Wang X, Huang X, Franklin JD, Roberson P, Troncoso P, Ittman M, Covinsky M, Scheurer M, Perichi L, Ramirez MI, Pettaway C, “Serum PSA Isoforms in the Detection of High Grade and Clinically Significant Prostate Cancer at Biopsy Among African American Men: Results from the Prediction of Prostate Cancer Among African American and Puerto Rican Men (Popcap Study)” 96th Annual Meeting of the South Central Section of the AUA, Naples, FL November 26-29, 2017.
9. **Jones JA**, Pan M, Mandalapu R, Taylor JM “Blue Light Cystoscopy for the Management of Urothelial Bladder Cancer: A Prospective Registry at the Michael E. DeBakey VAMC” 96th Annual Meeting of the South Central Section of the AUA, Naples, FL November 26 2017.
10. Burkhart T, **Jones JA** “S-041: Panel: Aerospace Medicine Board Review Series # 2” 89th Annual Scientific Meeting Aerospace Medical Association 86th Annual Scientific Meeting, Dallas, TX p225 May 8, 2018.
11. **Jones JA**, “S-047 Panel: Considerations in Ethical Principals in the Practice Aerospace Medicine - A Panel Discussion” 89th Annual Scientific Meeting Aerospace Medical Association 86th Annual Scientific Meeting, Dallas, TX p234 May 8, 2018.
12. Ramachandran V, Dalal S, Scheuring RA, **Jones JA** “Musculoskeletal Injuries in Astronauts: Review of Pre- flight, In-flight, Post-flight, and Extravehicular Activity Injuries” Current Pathology Reports Springer 28JUL2018
13. Kanabur P, **Jones JA**, Taylor J, “Use of Indocyanine Green for Ureteral Identification during Non-Urologic Robotic Surgery”. USAV Urological Society for American Veterans (USAV) Annual Meeting, Chicago, IL May 5, 2019
14. Popov D, Jones JA. Radiation Protection for Human Missions to the Moon and Mars. Inhibition of Acute Radiation Syndromes. May 2019 DOI: [10.13140/RG.2.2.15388.31368](https://doi.org/10.13140/RG.2.2.15388.31368)
15. Wong M, Bierman Y, Pettaway C, Kittles R, Mims M, **Jones JA**, Ittmann M, Comparative analysis of p16 expression among African American and European American prostate cancer patients. The Prostate (1st Published 21 May 2019) 79(11):p1274-1283 1 Aug 2019 <https://doi.org/10.1002/prost.23822> PMID: 16464835
16. Sibonga JD, Matsumoto T, **Jones JA**, Shapiro J, Lang T, Shackelford L, Smith SM, Young M, Keyak J, Kohri K, Oshima H, Spector E, Leblanc A, Resistive Exercise in Astronauts on Prolonged Spaceflights Provides Partial Protection against Spaceflight-induced Bone Loss, August 2019 Bone 128 DOI: [10.1016/j.bone.2019.07.013](https://doi.org/10.1016/j.bone.2019.07.013) Article 112037 PMID: 31400472
17. O’Conor D, Ramachandran V, Dalal S, and **Jones JA**. Musculoskeletal Injuries in Spaceflight, Medical Pathology Annual Conference, Hilton International Airport Conference Center Houston, Texas Feb 18, 2020.
18. Popat S, Utech K, Taylor J, **Jones JA**. Outcomes of Prostatic Urethral Lift in A Medically Complex US Military Veteran Population, Society of Urodynamics, Female Pelvic Medicine & Urogenital Reconstructions (SUFU) Scottsdale, AZ February 27, 2020

19. Lee KM, **Jones JA**, Efimova O, Duvall SL, Lynch JA, The use of DNA Promoter Methylation Testing for Prostate Cancer Diagnosis in the Department of Veteran Affairs, *Journal of Clinical Oncology* 38(6_suppl):394-394; February 2020.
DOI: [10.1200/JCO.2020.38.6_suppl.394](https://doi.org/10.1200/JCO.2020.38.6_suppl.394)
20. Popov D, **Jones JA**. Radiation protection: Desensitization to Radiation. February 2020
DOI: [10.13140/RG.2.2.18158.77126](https://doi.org/10.13140/RG.2.2.18158.77126)
21. Chery L, Gonzalez GMN, Gu J, Huff C, Sreekumar A, **Jones JA**, Griffith D, Canfield S, Wang X, Huang X, Roberson P, Troncoso P, Ittmann M, Scheurer M, Ramirez MI, Pettaway C. “Variant allele of SNP rs7824364 increases the risk of a positive prostate cancer biopsy: Results from the Prediction of Prostate Cancer among African American and Puerto Rican Men (POPCAP) Study. April 2020 [The Journal of Urology](https://doi.org/10.1093/ajph/203.e1244) 203:e1244

4. **Books:**

- a. Complete Books Written: Not Applicable
- b. Books Edited: Current Co-editor for “**Principles of Surgical Care in Space**” (in prep)
- c. Book Chapters Written:
 1. Noon, G.P., **Jones JA**. Bleeding Associated with Cardiac Surgery. In: Decision Making in Surgery of the Chest. Editors: Laurens R. Pickard. Philadelphia: W.B. Saunders Co., 1989.
 2. **Jones JA**, Lingeman JE, Steidle CP: The roles of extracorporeal shock wave lithotripsy and percutaneous nephrostolithotomy in the management of pyelocaliceal diverticula. *Yearbook of Urology* 1994, p 64, Mosby, 1992.
 3. **Jones JA**, Mitchell ME, and Rink RC: Improved results utilizing a modification in the YDL bladder neck repair. *Yearbook of Urology* 1994, Chapter 12, Mosby, pp 89-92, 1994. Williams and Wilkins, May 2002
 4. **Jones, J.A., et al.:** Ch. 3 Oxygen Generating Systems in Aviation and Space Flight In: *Fundamentals of Aerospace Medicine*, 3rd edition. Editors: Roy Dehart and Jeff Davis, Lippincott, Williams and Wilkins, May, 2002.
 5. **Jones, J.A.,** McGinnis, P.J., Hamilton, D.R., D’Aunno, D., Simmons, S., Melton, S., Armstrong C.: Ch. 6.1 Telemedicine during Lunar-Mars Life Support Test Project Phase III. In: Volume 104 Isolation NASA Experiments in Closed-Environment Living. Editors: Lane, Helen, Sauer, Richard, and Feedback, Daniel. *Advances in Astronautical Sciences*, American Astronautical Society, Univelt Inc. San Diego, CA, 2002.
 6. Mark, S., Clarke, F., **Jones, J.A.**, Feedback, D.L.: Syringe loading a method for assessing plasma membrane function as a reflection of the mechanically-induced membrane wound response. In: *Cell Biology Handbook*, Academic Press, 2005.

7. **Jones, J.A.:** Ch. 28, Laser Ablation and Other Emerging Technologies. In: Textbook of Bladder Cancer. Editors: Seth Lerner, Cora Sternberg, Mark Schoenberg; Martin Dunitz, London, U.K. 2005.
8. **Jones, J.A., et al.:** Radiation Disorders. Ch. 23, pp. 475-520. In: Principles of Clinical Medicine for Space Flight. Editors: M. Barratt, S Pool, Springer, NYC, NY 2008.
9. **Jones, J.A.,** Whitson, P.: Renal and Genitourinary Concerns. Ch. 13, pp. 273-292. In: Principles of Clinical Medicine for Space Flight. Editors: M. Barratt, S. Pool, Springer, NYC, NY 2008.
10. **Jones, J.A.,** Traon PL, Gerzer A, Byard R, Meeker J, Reinertson L, R.: Ch. 12, Space Medical and Psychological Issues. In: Artificial Gravity Textbook, Editors: G. Clement, A. Buckley, Springer, July 6, 2007, ISBN-10: 0387707123.
11. **Jones, J.A.,** Ciftcioglu, N.: The Role of Nanobacteria/Calcifying Nanoparticles in Prostate Disease. Textbook of Chronic Prostatitis/Chronic Pelvic Pain Syndrome. Editor: Daniel Shoskes. Humana Press, March 2008.
12. **Jones, J.A. et al.:** Urolithiasis and Genitourinary Systems Issues for Spaceflight. In CP1049, Renal Stone Disease 2, 2nd International Urolithiasis Symposium, Editors: Evan, AP, Lingeman, JE, McAteer, JA, and Williams, Jr., JC. American Institute of Physics, Melville, NY 2008; 978-0-7354-0577-6/08.
13. Grigoriev, A.I., Potapov, A.N., **Jones, J.A.,** Sullivan, T., Scheuring, R.: Medical Support for Interplanetary Space Flights. In: Space Biology and Medicine, 2009. American Institute of Aeronautics and Astronautics, Inc. ISBN: 978-1-56347-996-0. eISBN: 978-1-62410-487-9.
14. Gernhardt, M.L., **Jones, J.A.,** Scheuring, R.A., Abercromby, A.F., Tuxhorn, J.A., Norcross, J.R.: Ch. 14, Risk of Compromised EVA Performance and Crew Health due to Inadequate EVA Suit Systems. In: Human Health and Performance Risks of Space Exploration Missions. Editors: McPhee, J.C. and Charles, J.B., NASA SP-2009-3405 May 2009.
15. **Jones, J.A.,** Charles, J.B., et al.: Ch. 7, Key Challenges in Human Health and Performance. In: Human Exploration of Mars Design Reference Architecture 5.0. Editor: Drake, B.G. NASA SP-2009-566 NASA Center for Aerospace Information, Hanover, MD, July 2009.
16. **Jones, J.A.,** Karouia, F., Casey, R.: Ch. 11, Ionizing Radiation as a Carcinogen. In: Comprehensive Toxicology II, Volume 14. Carcinogenesis. Elsevier. Oxford, England, June 2010.
17. **Jones, J.A.,** Jennings, R.T., Baker, E.S.: "Ch 4.7- Renal, Genitourinary and Gynecologic Health Issues" In: STS Biomedical Results (published July 2013) GPO 033-000-01363-9 ISBN :9780615866130 2nd edition
18. **Jones, J.A ,** Popov, D., Maliev, V.: Radiomimetics and Radioprotection. In Ionizing Radiation Book 1 web-pub 2012.

19. Grenon, S.M., Jones JA, Ball, C., Williams, D., Barratt, M.R.: Ch. 3, Space Medicine for Exploration. Surgery in Space: Space Tourism Benefits for Earth (Ball, CG, Saary, W, Kirkpatrick, J, Grenon, SM) Lambert Academic 2012
 20. **Jones, J.A.**, Chad Ball, David Williams and Michael R. Barratt: “Surgical Capabilities for Exploration and Colonization Space Flight – An Exploratory Symposium” NASA/TP-2016-219281 November 2016
 21. **Jones, J.A.**, Karouia, F, Cristae, O: “Radiation Disorders” In: Principles of Clinical Medicine for Space Flight. 2nd edition Eds. M. Barratt, S Pool, Springer, NYC, NY 2017.
 22. **Jones, J.A.**, Whitson, P: “Renal and Genitourinary Concerns“ In: Principles of Clinical Medicine for Space Flight. 2nd edition Eds. M. Barratt, S Pool, Springer, NYC, NY 2017
 23. **Jones, J.A**, Karouia , F., Cristea, O, et al: Ionizing Radiation as a Carcinogen”. In: *Comprehensive Toxicology III, Volume 14- Carcinogenesis* Series: Reference Module in Biomedical Sciences Elsevier Oxford, England 2017 DOI: 10.1016/B978-0-12-801238-3.64295-
 24. Ramachandran V, Dalal, S, Scheuring, RA, **Jones, JA**: “Musculoskeletal injuries in astronauts: review of pre-flight, in-flight, post-flight, and extravehicular activity injuries” In Current Pathobiology Reports 6, 149-158 editor R Kerschmann Springer 7/28/2018 DOI:10.1007/s40139-018-0172-zCorpus ID: 56757047
 25. Corrigan, P, **Jones, J**, Cristea, O: Chapter 9-Nephrology/Urology in *Fundamentals of Aerospace Medicine* 5th edition editors J.R. Davis, J Stepanek, J.A. Fogarty, R.S Blue Wolters Kluwer Health 7/22/2021 ISBN-10: 1-9751-4385-X / ISBN-13: 978-1-9751-4385-5 eISBN-10: 1-9751-4387-6 / eISBN-13: 978-1-9751-4387-9
 26. **Jones J.A.**, Montesinos C, Karouria F, Popov D, Boreham D, Cristea O, Greenberger J: “Ch VII- Low Dose Rate and Sporadic High LET Radiation”. In *Radiobiology of Space Radiation* June 2018
-
5. **Other Works Communicating Research Results to Scientific Colleagues:** Not Applicable
 6. **Other Works Communicating Research Results to General Public:** Not Applicable

III. TEACHING INFORMATION

A. Teaching Information

1. **Site Director for Residency Training**
2. **Didactic Lectures / Grand Rounds**
3. **Program Director for Kimbrough Annual Meeting 2021 & 2022**

B. Didactic Course Work:

1. **Courses Taught at BCM Within the Primary Department:** Not Applicable
2. **Courses Taught at BCM External to Primary Department:** Not Applicable
3. **Courses Taught at Other Institutions While at BCM/TTUHSC:**

10/09/1993	Urologic Applications of the KTP/YAG Surgical Laser System, Sponsored by Laserscope Surgical Systems. The Westin Hotel Canal Place, New Orleans, LA
10/1993, 1994, 1995	Male Genitourinary Examination, Course Director for Second Year Medical Student Core Curriculum-Introduction to Patient Assessment at Texas Tech University Health Sciences Center, Lubbock, TX
11/05/1994	The Use of Lasers in Urologic Surgery, sponsored by Laserscope Surgical Systems, for the Urology Dept. of University Hospital in Monterrey, Mexico
01/11/1996	Uses of Lasers in Urology, with hands-on surgical demonstration of transurethral evaporation of prostate (TUEP), sponsored by Laserscope Surgical; Texas Tech University Regional Academic Health Center in El Paso, TX
09/27/2014	Percutaneous Nephrolithotomy Didactic Program, Stone Institute Hands-On Lab and Didactic; Sponsored by Boston Scientific, Houston Marriott Medical Center in Houston TX

C. Curriculum Development Work: Not Applicable

D. Non-Didactic Teaching While at BCM:

1. **Resident Training:** Participated in the training of over 52 urology residents
2. **Clinical Fellow Training:** Participated in the training of 3 genitourinary oncology fellows: 2005-7, 2010-12, 2015-16
3. **Research Fellow Training:** Served as faculty advisor to BCM- MCB post-doctoral fellow: 2018-2021
4. **Graduate Student Training:** Serving on Thesis Committee and Faculty Advisor for graduate student 2021-P

5. **Medical Student Mentoring:** Has taught >100 3rd-year GNS students rotating on urology and 4th-year elective students
- E. Lectures:** Included in Invited Lectures, Presentations, Research Seminars
- F. Visiting Professorships:**
1. University of Nuevo Leon/ Urology Service at University Hospital - Monterey, Mexico. Series of Lectures - Laser Applications for GU Endoscopic Surgery, Performed Instructional Surgical Cases via Closed Circuit Television, post-surgical Question and Answer Session, November 1994.
 2. Brooke Army Medical Center Departments of Medicine and Surgery, and to the Bexar County Trauma Society - San Antonio Texas, Lectures on Space Medicine, Urologic Problems in Extended Duration Space Travel and NASA/Dept. of Defense Emergency Medical Shuttle Launch and Landing Support, May 26, 1998.
 3. Queen's University Departments of Medicine and Obstetrics/Gynecology - Kingston, Ontario, Canada: Lectures - Space Medicine and Research to Push the Frontiers; Medical planning for the Mission to Mars, October 17-18, 2001.

IV. MEDICAL AND SERVICE INFORMATION

- A. Patient Care Responsibilities at BCM and/or its Affiliated Institutions:**
1. **Department-Wide:** Not Applicable
 2. **Section or Specialty:** Chief, Urology Section
Michael E. DeBaakey Veterans Affairs Medical Center (MEDVAMC)
- B. Clinical Laboratory Responsibilities at BCM:** Not Applicable
- C. National Education or Voluntary Health Organization Participation:** See Professional Organization list above
- D. Administrative Assignments at BCM:**
1. **Department Administration/Committees:**
 - a) MEDVAMC Site Director- BCM/ SDU Residency Program
 - b) SDU Education Committee member
 2. **College Administration/Committees:** Not Applicable
- E. Other Pertinent Information Not Given Above:**
1. **Medical Licensure:**

1984	Federal Licensure Examination (FLEX)
1987	Indiana #01036266A (expires 10/31/2015)
1992	Texas #J2954 (expires 08/31/2020)
2010	Colorado #49192 (expires 4/30/2015)

2. **Special Training (also see Space and Life Science Activities):**

MEDICAL:

ATLS - Advanced Trauma and Life Support
ATLS Instructor's Course
ACLS - Advanced Cardiac Life Support
BLS - Basic Life Support Instructor's Course
ESWL - Extracorporeal Shock Wave Lithotripsy Certification - Dornier/Siemens Devices
Microsurgical Course Certification - Indiana University 1990
Laparoscopic Course Certification - Laparoscopic Lymphadenectomy, San Antonio, TX
1992
Use of Lasers in Urology - American Urological Association Course and Laser Safety
Course at Indiana University 1990
Prostate Ultrasonography Course - by William Cooner, MD 1989
Molecular Biology Workshop Certificate - Indiana University 1990
American Association for Cancer Research: Molecular Biology Workshop - Given
Institute; Aspen, CO, 07/1992
Contigen Implant Training Program with Bard, Dallas, TX, 11/1993
Cryoablation of the Prostate Course - American Urological Association Meeting, Las
Vegas, NV 04/24/1995
Wilderness and Travel Medicine Workshop - Mountain Medical Seminars, Squaw Valley,
CA, 07/1995: includes Backcountry Medical Kit Preparation, Water/Remote Rescue,
Survival, Altitude and Thermal Extreme Training
Diving Medicine Course/Advanced Diving Medicine Certificate- Univ. of Texas Medical
Branch, Galveston, TX 07/28/1996
Aerospace Medical Primary Course/ Flight Surgeon Certificate- US Air Force, Brooks
AFB, TX 11/22/1996
Hyperbaric Training for Health Care Officers- US Air Force, Brooks AFB, TX
01/31/1997
SUO Fall Seminar and Hands-On Renal Ablation Laboratory Course- Cleveland Clinic
Oct, 2010
AUA Mentored and Hands-On Advanced Laparoscopic Urologic Surgery Course- BCM
Nov, 2010
Intuitive Surgical Robotic Certification Course- Texas Medical Center Nov 2010
International Robotic Urology Symposium- Wake Forest Univ. March, 2013

NONMEDICAL:

Judo- Eighth Degree 1974
Tae Kwon Do Karate- Brown Belt 1975, Instructor 1975-1977
Open Water Diver Certification- PADI, Pompano Beach, FL 08/1994- #9409018407
Orienteering/Navigation Course-by Nicholas Beers, Outward Bound, Squaw Valley, CA,
07/1995
Rock Climbing Basic/Intermediate Instruction- Alpine International, Donner Pass, CA,
07/1995
Private Pilot Ground School - Federal Aviation Administration Course Completion,
08/1995
Advanced Diver Certification - NAUI, Sonora Bay, Mexico 09/1995
Free-fall Skydiving Course - Houston Skydiving Assn, Houston, TX 11/1997

3. Prior Teaching Responsibilities and Recurring Lectures:

- 1991-1992 Indiana University: Junior Student Lectures; Patient Care Urology; Resident Supervision - Clinical, Operating Room
- 1992- 1996 Texas Tech University Health Sciences Center: Junior Student Lectures - Patient Care Surgery/Urology, Urologic Trauma, Urinary Calculi, Urologic Oncology; General Surgery Resident Supervision - Clinical, Operating Room. Basic Science - Health Sciences Center Lectures: Developmental and Molecular Biology Conference Lectures
- 1993-1996 Faculty member in CATCHUM (Cooperation among Texas Medical Schools to Improve Education in Cancer Prevention and Detection)
- 1996 Judge for Texas Tech University Health Sciences Center Undergraduate, Graduate and Medical Student Research Day- 2/14/96
- 1997-Present Attending Surgeon at Veterans Affairs Medical Center, Houston, TX/Baylor College of Medicine, Department of Urology: Resident and Medical Student Supervision - Clinical and Operating Room
- 1997-Present International Space University: Space Studies Program - Life Sciences Faculty
- 2000-2009 University of Houston Aerospace Fellowship Program (ISSO-Institute for Space Systems Operations) Mentor
- 2008-Present Attending Surgeon at Ben Taub General Hospital, Houston, TX/Baylor College of Medicine, Department of Urology: Resident and Medical Student Supervision - Clinical and Operating Room

4. Instructional Courses Taught:

- 10/09/1993 Urologic Applications of the KTP/YAG Surgical Laser System, Sponsored by Laserscope Surgical Systems. The Westin Hotel Canal Place, New Orleans, LA
- 10/1993, 1994, 1995 Male Genitourinary Examination, Course Director for Second Year Medical Student Core Curriculum-Introduction to Patient Assessment at Texas Tech University Health Sciences Center, Lubbock, TX
- 11/05/1994 The Use of Lasers in Urologic Surgery, sponsored by Laserscope Surgical Systems, for the Urology Dept. of University Hospital in Monterrey, Mexico
- 01/11/1996 Uses of Lasers in Urology, with hands-on surgical demonstration of transurethral evaporation of prostate (TUEP), sponsored by Laserscope Surgical; Texas Tech University Regional Academic Health Center in El Paso, TX

09/27/2014 Percutaneous Nephrolithotomy Didactic Program, Stone Institute Hands-On Lab and Didactic; Sponsored by Boston Scientific, Houston Marriott Medical Center in Houston TX

5. **Hobbies:** Golf, Tennis, Racquetball, Skiing, Flying, Sailing and Windsurfing, WW Rafting, Scuba Diving, Backpacking, Climbing- Wilderness preservation, Wilderness medicine; Electronics, Computers, Keyboards, Photography, Home Gardening, Auto Mechanics, Astronomy

6. **Language Proficiency:** English - 5/5
Spanish - 3.5/4
Russian – 2/3

7. **Surgical Experience:**

Approximately 5,500 major surgical procedures performed between 1985-present to include but not limited to:

Exploratory Laparotomy, Thoracotomy, Sternotomy, Adrenalectomy, Anatomic Nephrolithotomy, Endoscopic Stone Extraction, Laparoscopy and Laparoscopic Surgery, Radical Extirpation: Nephrectomy, Cystoprostatectomy, Prostatectomy, Urethrectomy, Orchiectomy, Retroperitoneal, Pelvic and Inguinal Lymph Node Dissection (Virgin & Post-Chemotherapy), Pelvic Exenteration; Laser ablation of Endoluminal lesions; Laser, Ultrasonic and Extracorporeal Shockwave Lithotripsy

Reconstruction: Cadaveric and Living Related Renal Organ Harvesting and Transplantation; Colonic Continent Urinary Reservoirs, Orthotopic Ileal-Neobladder, Ureteral and Urethral Reconstruction, Laparoscopic Partial and Total Nephrectomy, Robotic Radical Prostatectomy, Radical Cystoprostatectomy and Pelvic Lymph Node Dissection

8. **Community and Volunteer Activities:**

Past and Current:

American Heart Association Volunteer

American Red Cross Volunteer- Clear Lake Chapter, 1974-1977

Bob Dole/Saturday Evening Post Prostate Cancer Screening -Indianapolis, IN 8/1992

Indianapolis Ambassador's Service Organization 1988-1992

National Kidney Foundation of West Texas - Medical Advisory Committee - 1994/1995

National Kidney Foundation of West Texas - Executive Board - 1995

Lakeridge United Methodist Church - Christian Fellowship: Athletics, Church Choir 1993-1996

Women's Protective Services Board of Directors. 1994/1995

American Cancer Society Board of Directors. 1993/1994/1995

UMC Forum/UMC Foundation – Revenue: UMC's Children's Hospital Medical Programs - 1993-1996

Executive Committee Medical Advisor 1995-1996

Foundation Physician- Sunshine Kids Foundation- children with cancer program - 1995

"Us Too" Prostate Cancer Support Group- Lubbock Chapter Founder-1993, Medical Advisor, Program Director 1993-1996

Clear Lake United Methodist Church- Church Choir 1996-P

Interfaith Caring Ministries- Volunteer 1997-Present

Clear Lake United Methodist Church Mission Trip to Reynosa Mexico- 2004
Houston Tidelanders- Barbershop Chorus, 2006-Present
Wings Over Houston Airshow- Medical Support October 2009, 2021

9. Radio/Television Interviews and Programs:

"Your Health" Medical Report - Prostatitis, BPH & Prostate Cancer - 3-Part Series KMAC-TV 28(ABC), Lubbock, TX - 04/27/93
Analysis of Health Care Proposal - KLBK-TV 13(CBS), Lubbock, TX - 09/22/93
Prostate Cancer Treatment Update - KCBD-TV 11(NBC), Lubbock, TX - 11/17/93
Prostate Cancer Prevention Trial Press Release - KLBK-TV 13, Lubbock, TX - 11/17/93
Prostate Cancer - High Tech Health on KTXT-Radio, Lubbock, TX - 09/01/94
"Your Health" Medical Report- Prostate Cancer Treatment and Research- 3-Part Series KMAC-TV 28, Lubbock, TX- 3/6-11/95
Prostate Cancer Diagnosis and Management- KLBK TV 13, Lubbock, TX- 5/31/95
"Treating Metastatic Prostate Cancer" Press Release regarding "Us Too' Prostate Cancer Support Group Meeting - KLBK TV 13, Lubbock, TX - 01/16/96
"Intimacy following Cancer Treatment" Interview regarding "Us Too" Prostate Cancer Support Group Meeting - KMAC TV 28, Lubbock, TX - 03/20/96
Southwest Cancer Center, Commission on Cancer Center promotion to Level II-Teaching Hospital "Comprehensive Cancer Program"- KLBK TV 13, Lubbock, TX- 03/22/96
Lubbock American Cancer Society Response to Texas Attorney General's decision to litigate against the Tobacco Industry for smoking-related diseases- Live "On Air" Interview KCBD-TV 11, Lubbock, TX- 03/28/96.
Education regarding effects of castration on male function- KAMC-TV 28, Lubbock, TX - 4/04/96
Mars Base 2000 Live broadcast to rural elementary school children from NASA/JSC on "Medicine for a Mission to Mars" 3/24/00
Haughton Mars Project 2000- "Telemedicine and Ultrasound in Remote Environments" Discovery
International and NHK, Japan, shot on location, Devon Island, Northwest Territories, Canada, 7/2000
"Telemedicine- Applications for space flight and for the future of medicine on Earth"- Discovery
Canada, Center for Advance Space Studies, Houston, TX, 10/12/00
NASA/TV interview: Operational Ultrasound onboard the ISS, Expedition 5 Sept 13, 2002
Mission Status Briefing; STS-113 NASA Television Press Conference 11/27/02
'International Space Station Medicine: Channel 24 News, March 21, 2003
NASA/TV interview: Career Project for Educator Astronaut Program, March 24, 2003
News 24 Houston- television interview: Mission Space: "Staying Healthy on the Space Station" and for Media Day NASA/JSC May 28, 2003
News 24 Houston- television interview: Mission Space- "Long distance exams" June 4, 2003

Discovery Canada- television broadcast on Mars Exploration research and spacesuits for planetary science exploration. Taped July 2003, Aired November 6, 2003
National Geographic- television broadcast on Gemini 8, taped 1/14/05, aired 3/05
Good Morning America: “What happens to your body in space?” Aired Feb 8, 2008
Fox News- “Radiation Protection Formula Development” aired May 2010
Translational Institute for Space Health (TRISH) Documentary- “Space Health: Surviving the Final Frontier” aired at Space Center Houston April 2022 [Space Health: Surviving In The Final Frontier \(spacehealththemovie.com\)](https://www.spacehealththemovie.com)
NBC News- Houston Channel 2- Memorial Day expose on “May Heroes: Honoring veteran doctors and nurses at Michael E. DeBakey VA Medical Center” aired May 18, 2022

10. **Print/Electronic Media Interviews:**

Florida Today- Chris Kridler: NASA Weighs Options for Station Escape Craft 11 Aug 2002
M O’Shea: on Resistive Exercise on the ISS- August 2002
On Light Visor 2002
New York Daily News- Liz Neporent: on How NASA Astronauts are preparing for Life on the Red Planet- 12 Apr 2004
NASA/JSC Public Affairs- Catherine Borsche- “PuFF Experiment enables astronauts to breathe easy”- 4 May 2004
Mechanical Engineering magazine – “ISS ultrasound activities”- Aug 2004
Scientific American- Phil Scot: Crew Hygiene- Nov 2004
NanoBiotech News- Steve Lewis- June 22, 2005
CBS News- Houghton Mars Project- July 26, 27, August 7, 2005
Houston Chronicle- Mark Carreau- July 18, 2005
SpaceRef News- HMP 2005 July 29, 2005
MarsToday.com- HMP Research Station Update July 29, 2005
NASA JPL PAO- Web story: NASA Mars Exploration Rover Status Report 2 August 2, 2005
NASA WebNews: Spirit and Opportunity: Mars Exploration Rovers: Baby Boomers on Mars March 20, 2006
NASA Tech Briefs- Dai Perry, editor- Telemedicine May 19, 2006
Urology Times- AUA Presentation on Nanobacteria- May 20, 2006
NASA Techbriefs- Web story: Who is Who at NASA June 6, 2006
Spaceflight 48: 2006- Partial Solution to Bone Loss Dilemma Plenty Magazine- Web story: Worms in Space- Creepy crawlers help scientists understand how space radiation affects DNA June 29, 2007
Discovery News- Moon Dust: Astronaut Health Hazard? July 2, 2008
Wall Street Journal- Jeff Bezos and Other Space Tourists Will Enter Sparse Regulatory Territory-June 10, 2021
YouTube- "Virtual Prostate Cancer Patient Conference for Active Duty and Retired Military Men"- July 01, 2021
Department of Defense One Threats- <https://www.defenseone.com/threats/2022/02/military-pilots-dna-may-hold-key-whats-causing-their-prostate-cancers/361439/>
NBC affiliate KPRC Houston May 17-18, 2022 “Veterans Caring for Veterans”

Houston High Fives – Veteran Administration Press Release: Recognizing Excellence –
February 08, 2023

Washington Post – Plant-based foods may reduce prostate cancer progression, study says”
February 14, 2023

11. Leadership Positions:

Board of Directors- American Cancer Society, Lubbock Division
Board of Directors- Woman’s Protective Services, Lubbock, TX
Executive Committee- National Kidney Foundation, Lubbock Branch
President Elect- American Cancer Society, Lubbock Division
Executive Officer- Marine Air Group 42 Medical
Executive Officer- Marine Air Group 41 Medical
Commanding Officer- Marine Air Group 41 Medical
Vice-President- Society of NASA Flight Surgeons
Executive Committee- Space Medicine Branch of AsMA
President of Society of NASA Flight Surgeons
Lead of International Space Station Medical Operations
Lead of Exploration Medical Operations
Chair of Exploration Crew Health Integration Team
Subsystem Manager Crew Health Integration Crew Exploration Vehicle
Executive Committee- Society of US Naval Flight Surgeons
President – Urological Society of American Veterans 2016-2020
Board of Directors- South Central Section of the American Urological Association 2017-P
Board of Directors- Society of Government Service Urologists 2017-P
Kimbrough Program Course Director- Society of Government Service Urologists 2021&2021

Current and Recent Organizational Committee Memberships:

Awards Committee- AsMA Fellows Organization 2011-P
Ethics Committee Chairman- American Society of Aerospace Medicine - 2016-2022
CSF/MITRE Human Research Program for Spaceflight Participant in the Commercialization of
Space- Orbital spaceflight committee 2021-P
Education Committee Co- Chairman- American Society of Aerospace Medicine- 2022-P

12. Research Training Experience:

1979-1980	Thorman Cancer Research Lab- San Antonio, TX; under Rex Moyer, Ph.D.; Mary Pat Moyer Ph.D.; "Effects of cis-retinoic Acid, Ascorbic Acid +/- Cytosin on ascetic tumor metastasis and survival in Dung lethargic mice."
1981	Dept. Otolaryngology, University of Texas Medical Branch-Galveston, TX; under Avrim Eden, MD; Manning Correa, Ph.D., Adrian Perachio, Ph.D.; "Mapping the pigeon vestibular efferent system"

- 1983-1984 Dept. Urology, Baylor College of Medicine- Houston, TX; under Roy Smith, Ph.D., Peter Scardino, MD; "Ras oncogene mutations in human prostate cancer"
- 1985 Dept. Surgery, Baylor College of Medicine- Houston, TX; under George Noon, MD, H. David Short, MD, in lab of Michael DeBakey, MD
"Impact of autologous preoperative plateletpheresis on cardiac surgery blood loss," "Computer Database Development and Analysis of BCM Renal Transplant Program," "Heart-Lung model for 37°C. Preservation of cardiac allografts," "Spectral analysis of rheologic parameters in AV conduit thrombogenesis"
- 1988-1989 Research Fellowship @ Eli Lilly & Co., Endocrinology/ Cell and Molecular Biology- Indianapolis, IN; under Kenneth Hirsch, Ph.D., Chris Vlahos, Ph.D.; "Role of growth factors in the pathogenesis of BPH, Prostate neoplasia"
- 1991-1992 Indiana University/ Eli Lilly & Co., Dept. of Cancer Research Director of Independent Lab-Urologic Neoplasia-1992; "Growth factor induced signal transduction and early gene expression in prostate hyperplasia and neoplasia," "Adjunct prognostic factors in early stage testes cancer-determination of proliferative index, image analysis, PCNA expression, ""Linkage analysis of patients with familial patterns of testes cancer"

13. Journal/Manuscript Reviewer/ Editorial Board Member:

Surgery/Urology journals-

Urology and Andrology Open Journal- Editor
Urology
Journal of Surgical Research
Clinical Genitourinary Cancer
Urologic Oncology

Oncology and Molecular Biology journals-

Oncogene
Cancer
Environmental and Molecular Mutagenesis
Journal of Radiation Biology
International Journal of Molecular Sciences

Aerospace Medicine journals-

Aerospace Medicine and Human Performance
Journal of Space Safety Engineering
Acta Astronautica
NPJ Microgravity
Translational Research Institute for Space Health

Other journals

Journal of Medical Internet Research
Sports Medicine

13. **Videotapes:**

Jones JA, Avant L, Leidich R, Mitemeyer B: Modification in Radical Retropubic Prostatectomy Using the Deep Dorsal Vein Ligator with Anterior Urethropexy. 6/96; TTUHSC, Lubbock, TX.

Jones JA, D'anno D, McGinnis P, Hamilton, D: Telemedicine in the Lunar Mars and Life Support Test Program - Phase III.

Jones JA, Johnston S, Billica R: Endoscopic Ureteral Stent Placement in Microgravity.

14. **Space and Life Science Related Activities:**

SPACE MEDICINE RELATED PARTICIPATION

Conferences:

- Attended Space Medicine Grand Rounds - 7/1995-Present
- Attended Johnson Space Center/Baylor College of Medicine CME conferences - 2002-Present
- Attended Baylor College of Medicine IVP and Clinical Case conference - 1997-Present
- Attended and participated in Aerospace Medical Association Annual Meeting 1996-2008
- Attended and participated in Annual National Space Biomedical Institute/ Bioastronautics Investigator's Workshop, Houston, TX 1999, 2001, 2003, 2005-2007
- Attended Medicine in Extreme Environments Conference: Houston, TX 9/19-21/96
- Participant in Radiation Monitoring Workshop: Center for Advanced Space Studies - Houston, TX 9/9-10/96
- Attended Medicine in Extreme Environments Conference II: Houston, TX 9/26-28/97
- Co-chair of Session on Life Sciences Issues for a Mission to Mars at 12th Man in Space Symposium, Wash. DC 6/9/97
- Lectured to Life Sciences Students at the International Space University Summer Session on "The Bioeffects of Space Radiation" Rice Univ., Houston, TX 6/20/97
- Lectured to International Space University Design Project Students on "Biomedical Hazards of Space Flight" and to the Life Science Students on "Bioeffects of Space Radiation" Cleveland State Univ. Cleveland, OH 7/1-3/98
- Co-Chairman of a Panel Discussion on Biomedical Issues for A Mars Mission during the Inaugural Mars Society Convention Colorado Univ., Boulder, CO 8/13-16/98
- Lectured on Operational Military Aviation Medicine at Pushing the Envelope III, From the Mountains of the Earth to the Mountains of the Moon, Nassau Bay, TX 10/1-3/98
- Faculty for Life Sciences, International Space University, Suranaree Univ. of Technology, Nakhon Ratchasima, Thailand, 8/1-16/99
- Lectures during Moon-Mars, Space Weather, and ISS Theme Blocks, EVA Workshop - EMU & Medical Issues, Exploration and Disaster Management Design Project
- Participant in the National Space Biomedical Research Institute's Workshop on Bone Loss, Hilton Conference Center, Nassau Bay, TX 11/99

- Participant in the National Council for Radiation Protection Review of NASA Space Radiation Operations and Protection Methods, University Space Research Association, Center for Advanced Space Studies, Houston, TX 12/8-9/99
- Participant in the National Space Biomedical Research Institute's Workshop on Radiation Effects, University Space Research Association, Center for Advanced Space Studies, Houston, TX, 12/9-10/99
- Attended the National Space Biomedical Research Institute's Symposium on Russian Countermeasures Course, Rice University, Houston, TX, 1/17-22/00
- Lectured to the Annual Aerospace Medicine Short Course, University of Texas Medical Branch, Galveston, TX, 1999, 2000
- Participated in the Seminar in Ultrasound: Applications and Implications in Human Spaceflight, Medical Informatics and Technology Applications Consortium Virginia Commonwealth University and Space Life Sciences Directorate NASA Johnson Space Center, Nassau Bay Hilton Houston, TX, 7/25-7/26/00
- Participated in NASA/JSC workshop on Critical Care Provision for Spaceflight, Space and Life Sciences Directorate, Center for Advanced Space Studies, Houston, TX, 5/01
- Participant in Antarctic Exploration Parallels for Future Human Planetary Exploration Workshop, Houston, TX, 6/01
- Participant in Surgical Care Working Group Meeting on definition of Space Surgeon – CASS, 1/27-28/03
- Participant in the In- and Post- Flight Anesthesia Working Group- CASS 4/14-15/03
- Participant in Code U Retreat: Workshop on Critical Medical Issues for Exploration- Hilton, 3/23-24/04
- Participant in NASA HQs workshop on Animal Research Priorities for ISS - Woods Hole, MA, 4/04
- Participant in International Space University Workshop on Future and Key Technologies in Telemedicine, Strasbourg, France via teleconference from NASA/JSC Houston, TX, 6/22/04
- Faculty in International Space University Summer Session for EVA SSP04, Univ. of Adelaide, Adelaide Australia August 04
- Participant in MEPAG Dust, Radiation and Surface Operations Sub-Teams, 7/04-10/04
- Participant in MEPAG Washington, DC, 1/05-2/05
- Participant in LEAG CASS, Houston, TX, 3/05
- Participant in LEAG Lunar Science recommendation Sub-Team, 5/05
- Faculty in International Space University Summer Session SSP05, Univ. of British Columbia Vancouver, BC, 8/05
- Participant in LEAG Scientific Meeting, League City, TX, 10/23/05-10/28/05
- Participant in LAGTAG meetings Washington, DC, and Houston, TX, 2005-2008
- Named International Space University Faculty Member, 2006
- Life Sciences Department Chair, International Space University SSP2006, Strasbourg, France, 7/06
- Faculty in International Space University Summer Session SSP07, Beijing, China, 8/07
- Participant in International Space Medicine Summit II – Houston, TX, 5/17-5/19/08
- Life Sciences Department Chair, International Space University SSP2008, Barcelona, Spain, 7/08-8/08
- Life Sciences Department Co-Chair, International Space University SSP2009, Mountain View, CA, 7/09-8/09
- Human Performance Dept Instructor International Space University SSP2016 Aug 2016,

Haifa, Israel

- Participant in International Space Medicine Summit, Houston, TX, annually 2006-2020
- Speaker and Participant in Bioastronautics Investigator's Workshop- Houston/Galveston 2000, 2001, 2002, 2003, 2004, 2006, 2007, 2008, 2009, 2013, 2015, 2016, 2017
- Speaker and Participant Commercial Space Flight sub-orbital and orbital research priorities 2020-P
- Panelist- TRISH (Translational Research Institute for Space Health) Space Medicine

Pre-, In-, Post-Flight Mission Operational Experience

- Mission Support at MCC-Houston for STS-85, 87, 88, 89, 90, 92, 93, 94, 100, 101 103, 105, 106, 108, 109, 110, 111, 112, 113, 107, 115, 118, 124, 127
- ISS - Expeditions: 1, 2, 3, 4, 7, 9, 10, 12, 13, 14, 15, 16, 18, 19, 20
- DSO 334 STS-89 Med Ops Team Member
- Deputy Crew Surgeon- STS-90, April 1998
- Deputy Crew Surgeon- STS-93, July 1999
- Ascent/Entry Surgeon STS-101, Dec 1999; STS -100, May 2000; STS-124, Nov 2008
- ISS Expedition 5- Lead Crew Surgeon- June-December, 2002
- DTO 695 PI - 2008/2009
- DSO 904 Co-I - 2008/2009

Other Operational Experience:

- Served on Data Acquisition Team for Post-Flight Cardiovascular Lab Research Studies: STS-79, STS-84
- Invited Participant in the Radiation Monitoring on Mars Workshop: Universities Space Research Association, Center for Advanced Space Studies - Houston, TX, 2/13/97-2/14/97
- Developed Report to Space and Life Sciences Director on Requirements for Ultrasonic Retroperitoneal Crew Imaging Hardware Requirements for HRF Module- International Space Station: 01/97
- Panel Member of Clinical Space Medicine Strategic Planning Forum by Medical Operations Branch
- KRUG Life Sciences, Houston, TX 04/08/97
- Medical Extravehicular Activity Integrated Product Team Member 11/97-2000
- Tiger Team member and clinical study PI for development of ISS urinary monitoring system and improved collection interface device- 1997-1999.
- Flight Surgeon Rep- Human Exploration and Development of Space Project (Moon and Mars Exploration Medical Team) 1997-2001
- Telemedicine Instrumentation Pack function and efficacy evaluator; DSO 334- STS 89, 01/1998
- Invited Participant and Lecturer for the Pillars of Biology :Space Medicine Strategic Planning Meeting League City, TX 09/1998
- Invited Participant in National Research Council, and Committee on Solar and Space Physics, Working Group Meeting on Space Environment and the International Space Station: Recommendation to Reduce Radiation Risk During Solar Maximum Washington, DC, 09/1998
- Invited Participant in Predictions and Measurements of Secondary Neutrons in Space Working Group, USRA/CASS Houston, TX 09/1998

- Tiger Team member for development of Integrated Acoustics Monitoring and Mitigation Plan 01/1999-08/1999
- NASA Small Business Initiative Grant Reviewer - 08/1999, 07/2000
- NASA Site Reviewer- Center for Applied Radiation Research, Prairie View A and M University 05/2000
- WB57 Aircraft Mishap Investigation- Human Factors evaluation 07/2000-09/2000
- Tiger Team member for development of ISS acoustics countermeasures plan - 1999-2000
- Radiation Enhancement Assessment Team- 2000-2001
- Flight Surgeon alternative- Crew Return Vehicle Design Project (X-38) Human Factors Team 1998-2002
- Clinical Care Capabilities Development Project team member - 1999-2001
- Member of EMU Related Medical Events IPT 01/2004-present
- CSCS-Contingency Shuttle Crew Support tiger team member 08/2004-11/2004
- IDEPT- Increment Duration Extension Planning Team member 05/2004-10/2004
- "CHeCHer"- Crew Health Care System risk mitigation team member 09/2003-03/2004
- Participant in Advanced EVA Dust Workshop, Glenn Research Center, Cleveland, OH 2005
- Participant in Advanced EVA Dust Workshop, Colorado School of Mines, Golden, CO 2005
- Participant in EVA Crew Fatigue Tiger Team 02/2005-06/2005
- Participant in Advanced EVA IPT 07/2005-2006
- Participant in CEV (Crew Exploration Vehicle) Phase 1 team 09/2005-2006
- Participant in CEV (Crew Exploration Vehicle) CFI (Call For Improvement) Team 09/2005-2006
- Participant in Lunar Dust Atmospheric Toxicity Advisory Group (LADTAG), 09/2005-present
- Participant in Exploration Atmospheres Workshop 09/27/2005-09/29/ 2005
- Participant in Advanced EVA suit architectures workshop 10/13/2005-10/14/2005
- Participant in Exploration Atmospheres Working Group meeting 11/01-11/03/2005
- Participant in Radiation Countermeasure Workshop 01/2006
- Participant in EVA Biosensor Workshop 03/2006
- Participant in Constellation Human Factors SIG 03/2006-2009
- Participant in Constellation ECLSS SIG 03/2006-2009
- Participant in Constellation EVA SIG 03/2006-2009
- Participant in Lunar Lander Study Team 06/2006-09/2006
- Participant in CEV Cockpit Working Group 01/2006-2009
- Participant in CEV Human and Cargo Team 01/2006-09/2006
- Medical Support of Launch and Entry Suit testing Spring 2006
- Medical Support of Planetary EVA Walkback Test Summer 2006
- Participant in CEV Human Systems Team 09/2006-Present
- Manager of CEV Crew Health Interfaces System 09/2006-2008
- NEEMO 11 Mission Capcom 09/2006-10/2006
- Medical Support Lunar Ascent Vehicle Suited Operational Feasibility Testing 11/2006
- NEEMO 12 Principle Investigator and Diver 2007
- Lunar Architecture Team Phase 2 - Lunar Habitat Team 2007
- Medical support for Desert RATS – 08/2007
- Mars Architecture Team Surface Ops Team 2007-2008

- Mars Architecture Team Crew Health Team 2007-2008
- NEEMO 13 Capcom and Science Console Officer 2007

SPECIAL TRAINING

- Mission Operations Directorate Phase I course - 10/1997
- START, ISS Training Course - 12/1997
- Space Shuttle Crash Investigation Course - 02/1998
- Space Operations Medical Support Training Course: DOD, DDMS - 04/1998

SPACE SCIENCE ACTIVITIES

- Attended American Astronautics Society Conference: Houston, TX 12/9-11/96
- Attended Lunar-Planetary Science Conference: CASS-3/17-21/97, 3/16-20/98
- Attended International Space Development Conference, Omni-Rosen Hotel Orlando, FL 5/25/97
- Audited classes at University of Houston/Clear Lake in Geology-Planetary Geology by Mike Zolensky, Astronomy-by Victor Bond and Astronomy-Moon and Mars-by Debra Domingue 1/97-5/97
- Advisor for Human Factor Considerations of Military Spaceplane Development, US Space Command, Colorado Springs, CO 4/97-present
- Participant in Conference on Early Mars: Geologic and Hydrologic Evolution, Physical and Chemical Environments, and the Implications for Life: USRA/CASS Bldg. Houston, TX 4/24-27/97
- Invited Participant in Mars Reference Mission Surface Operations Workshop: USRA/CASS Bldg., Houston, TX, 9/4-5/97
- Invited Participant in Mars Mission Simulation as Mars Base Crew Coordinator at the Challenger Center, Houston Museum of Natural Sciences, Houston, TX 9/26/97
- Principal Investigator on EDO WCS project for EA: Evaluation of Formed Interfaces and Flowmetry technology for measurement of urinary volume and minimizing sample loss from crew in microgravity, 4-8/97
- Co-Investigator on LMLSTP III Projects: Telemedicine Instrumentation Pack(TIP) Development and Demonstration and Effects of Environmental Stress on Cell-Mediated Immune Function 9-11/97
- Invited Speaker at American Institute for Aeronautics and Astronautics Technical Symposium, Space Center Houston, Houston, TX 5/28/98
- Invited Speaker at the Pillars of Biology Initiative for Space Biomedicine, Houston, TX 9/14-16/98
- Invited Participant at the Predictions and Measurements of Secondary Neutrons in Space Workshop, Houston, TX 9/28-30/98
- Participated in Mars Analogue Site Science Arctic Expedition to Devon Island, NW Territories, Canada, June-July, 1999; June-July, 2000, 2001, 2003, 2004
- Attended the NanoSpace 2000: International Conference on Integrated Nano/Microtechnology for Space Applications, South Shore Harbor Conference Center, League City, TX 1/24-28/00

15. **Poster Session Presentations and Conferences Moderated:**

1. Poster: The use of preoperative plateletpheresis in the management of patients undergoing cardiopulmonary bypass procedures (presented by Dr. J.A. Jones) - Baylor

College of Medicine 1985.

2. Poster: Utilization of Doppler Duplex Sonography in evaluating post-transplant renal allograft dysfunction (presented by Dr. J.A. Jones) - AUA International Meeting, New Orleans, LA, May 1990.
3. Poster: ESWL vs. percutaneous management of caliceal diverticula (presented by Dr. J.A. Jones) -International Congress on Endourology and Extracorporeal Shock Wave Lithotripsy: Washington, DC. August 1990.
4. Poster: A role for platelet-derived growth factor in the genesis of prostate disease (presented by Dr. J. A. Jones) -North Central Section AUA Meeting, Colorado Springs, CO.; October 1990.
5. Poster: PDGF: An etiologic factor in the development of benign prostatic hyperplasia (presented by Dr. J. A. Jones) - American Urological Association Meeting, Toronto, Canada: June 1991.
6. Effects of suramin on growth factor-induced signal transduction pathways in human prostate carcinoma cells (presented by Dr. J. A. Jones) - Lake Tahoe, Nevada March 1992.
7. Poster: A model of inflammation as an etiologic agent in the development of prostatic hyperplasia: The roles of PDGF, interleukins, and androgens (presented by Dr. J.A. Jones) - The Society for Basic Urologic Research Annual Meeting: Washington, DC 5/8/92.
8. Poster: A Model of inflammation as an etiologic development of benign prostatic hyperplasia: The roles of PDGF, interleukins, and androgens (presented by Dr. J.A. Jones) - 1992 International Symposium on Biology of Prostatic Growth. Bethesda, Maryland. 9/92
9. Poster: Dysregulated signal transduction in prostate carcinoma (presented by Dr. J. A. Jones) - 6th Annual Conference on Prostate Cancer. Prout's Neck, Maine 10/17/92.
10. Poster: Extragonadal germ cell tumors may represent a separate clinical entity (presented by Dr. J.A. Jones) -Western Section of the AUA Meeting. Maui, Hawaii. 10/28/92.
11. Poster: Differences in ligand-induced receptor and second messenger phosphorylation/dephosphorylation between normal and hyperplastic stromal cells-observations with mediators of inflammation (presented by Dr. J. A. Jones) - Signal Transduction Symposium - Keystone, CO. 1/23/93.
12. Poster: The clinical relevance of P53 expression in early stage non-seminomatous germ cell tumors, (presented by Dr. deRiese) 88th Annual Meeting of American Urological Association, San Antonio, TX. 05/15-20/93.
13. Poster: Differences in the ligand-induced receptor and second messenger phosphorylation/dephosphorylation between normal and hyperplastic stromal cells - observations with mediators of inflammation (presented by Michael Straub) - University of Texas M. D. Anderson Cancer Center Annual Research Symposium on Fundamental

Cancer Research. Houston, TX. 10/14/93.

14. Poster: Improvements in continence using dorsal venous ligation with anterior urethropexy in radical retropubic prostatectomy (Presented by Dr. J. A. Jones) - 1994 Keystone Symposia on Breast and Prostate Cancer II. Lake Tahoe, CA. 03/14-20/94
15. Poster: Mediators of inflammation may play a role in the pathogenesis of prostatic hyperplasia, and perturbations in this signaling cascade may lead to a progression to neoplasia (Presented by Michael J. Straub) Histopathobiology of Neoplasia Workshop, American Association for Cancer Research, Keystone, CO 07/17-24/94.
16. Poster: Medical Symposium- Emerging issues in renal disease: impact in the twenty-first century. Methodist Hospital Knippling Center Lubbock, TX. 5/19/95. Moderator of afternoon physician session.
17. Poster: Conjugation of selenium to a monoclonal prostate tumor antibody, 7E11: Superoxide generation ELISA and *in vitro* cytotoxicity (Presented by Dr. J.A. Jones & Michael Straub), Breast and Prostate Cancer Conference 1996 Keystone Symposia, Taos, NM - 01/29/96 - 02/04/96.
18. Advisory Board Member- Prostate Cancer Adjuvant Treatment Panel Meeting. New Orleans, LA 4/17/97.
19. Co-Chair of Session on Life Sciences Issues for a Mission to Mars: 12th Man in Space Symposium, Washington, DC- 6/9/97.
20. Co-Chairman of a Special Panel Discussion on Biomedical Issues for Mars Exploration during the Mars Society Founding Convention, Colorado Univ., Boulder, CO 8/13-16/98.
21. Panelist on "PSA Recurrence after Radical Prostatectomy", 8th Innovations in Urologic Practice, Baylor College of Medicine, Hilton Resort and Conference Center, Santa Fe, NM 10/7-8/00.
22. Panel Co-Chairman "Space Medicine Telemedicine and Ultrasound", Aerospace Medical Assn. Annual Meeting, Reno Nevada May 8, 2001.
23. Panel Co-Chairman "Environmental Health Considerations for A Mission to Mars", Aerospace Medicine Association 73rd Annual Scientific Meeting Montreal, Ontario, Canada May 8, 2002.
24. Panel Co-Chairman for "ISS Space Medicine I and II", Aerospace Medicine Association 74th Annual Scientific Meeting San Antonio, TX, May 6, 2003.
25. Panel Chairman "Space Architecture and Operations" American Society of Civil Engineering- Earth and Space 2004 Conference, South Shore Harbor Conference Center League City, TX Mar 10, 2004.
26. Panel Co-Chairman "Exercise Countermeasures on the International Space Stations: Current U.S. Experience, Perspectives, and Findings", Aerospace Medicine Association 75th Annual Scientific Meeting Anchorage, Alaska May 3, 2004.

27. Panel Co-Chairman “Space Medicine Diagnosis and Treatment I and II”, Aerospace Medicine Association 75th Annual Scientific Meeting Anchorage, Alaska May 4, 2004 sponsored by the Space Medicine Branch of the Aerospace Medical Assn.
28. Poster: “Association of Calcifying Nanoparticles within Serum and Prostates of Patients with Prostatic Inflammation and Hyperplasia: A Preliminary Analysis” J.A. Jones, G.D. Carlson, D.A. Shoskes, MSF Clarke, M Everett, OE Kajander, A. Kyparos, K Taylor, G Ayala, D Warmflash, D Feedback and N Ciftcioglu. Presented at the Society of Inflammation and Infection in Urology Session at the American Urological Assn. Annual Meeting San Antonio, TX May 2005.
29. Poster: “Medical Issues for Extravehicular Activity (EVA)” J.A. Jones, R. Ansari, H. Das, J. Dewitt, M. Gernhardt, Garcia, Y., D. Hagan, C. Harvey, S. Lee, M. Reid, S. Parazynski, S. Rajulu, S. Smith, B. Soler, S. Strauss, D. Warmflash, J Welch, D. Williams, S. Zwart. Presented at NSBRI Investigator’s retreat, South Shore Harbor Conference Center, February 27, 2006.
30. Poster: “Iron-Tolerant Cyanobacteria for Human Habitation beyond Earth” , I. Brown, J.A. Jones, P. Sternberg, D. Bayless, S. Sarkisova, D.S. McKay. 4th Astrobiology Science Conference - AbSciCon 2006, Ronald Reagan Bldg., International Trade Center March 26-30, 2006.
31. Panel Session Co-Chairman: Medical Aspects of the Crew Exploration Vehicle and Lunar Exploration Program, Part I, Aerospace Medical Assn. Annual Meeting. Orlando, FL, May 16, 2006, sponsored by the Space Medicine Branch of the Aerospace Medical Assn.
32. Panel Session Co-Chairman: Medical Aspects of the Crew Exploration Vehicle and Lunar Exploration Program, Part II, Aerospace Medical Assn. Annual Meeting. Orlando, FL, May 16, 2006, sponsored by the Space Medicine Branch of the Aerospace Medical Assn.
33. Poster: A Preliminary analysis of calcifying particles in the serum and prostates of patients with prostatic inflammation.” Jones, JA, Ciftcioglu, N, Warmflash, D. American Urological Association Annual Meeting Moderated Poster Session, Atlanta Georgia, May 20, 2006.
34. Poster: “Inflight and NBL Training Musculoskeletal and Extremity Injuries: Mechanisms and Potential Countermeasures’ J.A. Jones, C.M. Mathers, J. Dewitt, R.A. Scheuring, D. Hagan, R.B. Hoffman, S. Strauss, M. Gernhardt, D. Williams, S. Parazynski, D. Warmflash, S. Viegas, M. Wear, L. Velasquez, S. Rajalu, D. Nguyen, Y. Garcia, G. Schaffner, C. Harvey, C.K. Bowen, W. Lowe, C.E. Hudy, L. Kuznetz, J.A. Tuxhorn, M. Whitmore. NASA’s Human Research Program Investigator’s Workshop South Shore Harbor Conference Center, February 14, 2006.
35. Poster: Jones, JA, Hoffman, RB, Harvey, CM, Bowen, CK, Hudy, CE, Strauss, S, Gernhardt, ML Mechanism of Injury and Countermeasures for EVA Associated Upper Extremity Medical Issues: Vent Tube Evaluation. NASA Human Research Program Annual Investigator’s Meeting Houston, TX February 11-13, 2007.
36. Poster: Whitson, PA, Pietrzyk, RA, Sams, CF, Jones, JA, Nelman-Gonzales, M, Hudson, EK. Renal Stone Risk during Spaceflight: Assessment and Countermeasures

- Validation. NASA Human Research Program Annual Investigator's Meeting Houston, TX February 11-13, 2007.
37. Panel Session Co-Chairman: Apollo Medical Operations Summits Results, AsMA Annual Meeting, New Orleans, LA May 16, 2007, sponsored by NASA.
 38. Panel Session Co-Chairman: Haughton-Mars Project EVA Medical Contingency Simulation Results, AsMA Annual Meeting, New Orleans, LA May 16, 2007, sponsored by NASA.
 39. Panel Session Co-Chairman: Lunar Surface Operational Challenges AsMA Annual Meeting, Boston, MA May 13, 2008.
 40. Panel Session Co-Chairman: Physicians in Space: Lessons Learned from Recent Missions AsMA Annual Meeting Phoenix, AZ, May 13, 2010.
 41. Poster: Leblanc, A, Matsumoto, T, Jones, J, Shapiro, J, et al. Preliminary Results of Bisphosphonate Flight Experiment Humans in Space Symposium Westin-Galleria Conference Center, Houston, TX Wed April 13, 2011.
 42. Panel Session Co-Chairman: Radiation Medicine Chronic Radiation Effects: Low Dose Effects Conference. Chelyabinsk, Russia, November 9, 2011
 43. Panelist: Radiation Safety and Protection at the International Space Medicine Summit for Space Policy: Baker Institute, Rice University, Houston Texas June 6, 2014
 44. Poster "Advanced medical countermeasures for radiological accidents and nuclear disasters: prevention, prophylaxis, treatment and pre-and post-exposure management" Popov, Dmitri; Jones, Jeffrey; Maliev, Slava. COSMOS 40th Scientific Assembly Moscow, Russia, Sun August 3, 2014.
 45. Poster: "Acute Cerebrovascular Radiation Syndrome: Radiation Neurotoxicity, mechanisms of CNS radiation injury, advanced countermeasures for Radiation Protection of Central Nervous System" Popov, Dmitri; Maliev, Slava; Jones, Jeffrey. COSMOS 40th Scientific Assembly Moscow, Russia, Sun August 3, 2014
 46. Poster: "Antiradiation UV Vaccine: UV Radiation, Biological effects lesions and medical management immune-therapy and immune-protection Popov, Dmitri; Jones, Jeffrey; Maliev, Slava. COSMOS 40th Scientific Assembly Moscow, Russia, Sun August 3, 2014
 47. Poster "Impact of Whole Body Irradiation on the Intestinal Microbiome -Considerations for Space Flight" Karouia, Fathi; Epperly, Michael W; Jones, Jeffrey; Valdivia-Silva, Julio E.; Santos, Orlando; Greenberger, Joel S. COSMOS 40th Scientific Assembly Moscow, Russia, Wed August 6, 2014
 48. Poster "Antiradiation Vaccine: Technology Development of Prophylaxis, Prevention and Treatment of Biological Consequences and Complications after Neutron Irradiation" Popov, Dmitri; Jones Jeffrey; Maliev, Slava. COSMOS 40TH Scientific Assemble Moscow, Russia, August 7, 2014.

49. Poster: “Modern Radiobiology: Contention of Concepts: Advanced Technology and Development of Effective Prophylaxis, Prevention and Treatment of Biological Consequences after Irradiation” Popov, Dmitri; Jones Jeffrey; Maliev, Slava. COSMOS 40TH Scientific Assemble Moscow, Russia, August 7, 2014
50. Poster: “Principles of Radiation Toxicology: Important Aspects” Popov, Dmitri; Jones Jeffrey; Maliev, Slava COSMOS 40TH Scientific Assemble Moscow, Russia, August 7, 2014
51. Poster: Antiradiation Vaccine: Technology Development Radiation Tolerance, Prophylaxis, Prevention and Treatment of Clinical Presentation after Heavy Ion Irradiation: ” Popov, Dmitri; Jones Jeffrey; Maliev, Slava COSMOS 40TH Scientific Assemble Moscow, Russia, August 7, 2014
52. Panel Session Chairman: Aeromedical Ethics Panel AsMa Annual Meeting, Atlantic City, NJ April 24-28, 2016
53. Moderator: Prostate Cancer, 20th Innovations in Urologic Practice Conference, Santa Fe, NM September 22-24, 2016
54. Moderator: South Central Section of the AUA, 95TH Annual Meeting, September 28-October 1, 2016 The Broadmoor Colorado Springs, Colorado.
55. Panel Session Moderator: Chair “Human Factors in Aviation Protection, Safety & Suvivability” AsMA Annual Meeting, Denver Co, May 3, 2017.
56. Panel Session Moderator: Co-Chair “Ethical Dilemmas in Aerospace Medicine” AsMA Annual Meeting, Denver, CO May 4, 2017
57. Moderator: “Locally Recurrent and Options for Focal Therapy with Local Disease” 22nd Annual Innovations in Urologic Practice, Santa Fe, New Mexico September 28, 2017
58. Poster: “Assessment of Blue Light Flexible Cystoscopy with Cystview on Patient Reported Outcomes: A Prospective, Multicenter, Within Patient Controlled Study in Detection of Bladder Cancer during Surveillance”. Smith, Angela; Daneshmand, Siamak; Pohar, Kamal; Cookson, Michael; Woods, Michael; Trabulsi, Eduard; Huang, William; Jones, Jeffrey; Taylor, Jennifer; Bivalacqua, Trinity; Downs, Tracy; O’Donnell, Michael; Steinberg, Gary; DeCastro, Joel; Kamat, Ashish; Konety, Badrinath; Resnick, Matthew; Schoenberg, Mark; Jones, J Stephen; Lortan, Yair.
59. 18th Annual Meeting of the Society of Urologic Oncology, Washington,
60. November 29-December 1, 2017 59. Panel Session Moderator: VA/Military Breakout Session 96th Annual Meeting of the South Central Section of the AUA, Naples FL, November 28, 2017
61. Panel Session Speaker: “Introduction: Military/VA Urologist and SCS” 96th Annual Meeting of the South Central Section of the AUA, Naples, FL, November 28, 2017.

62. Panel Session Speaker: “Technology Advances in Uro-Oncology, Bladder Cancer and Hematuria for VA Patients. 96th Annual Meeting of the South Central Section of the AUA, Naples, FL, November 28, 2017.
63. Panel Session Panelist: “In Theater GU Combat Casualty Experience Echelon I-111” 96th Annual Meeting of the South Central of the AUA. Naples FL November 28, 2017.
64. Panel Session Moderator: “Health Policy Update Panel Discussion” 96th Annual Meeting of the South Central Section of the AUA, Naples, FL November 29, 2017.
65. Panel Session Panelist: “The Military Health System – Today and Tomorrow” 96th Annual Meeting of the South Central Section of the AUA, Naples, FL November 29, 2017.
66. Panel Session Speaker: “State of the Art Lecture: Space Medicine for Exploration Missions and the Transition from Flight Surgery to Cosmic Urology” 96th Annual Meeting of the South Central Section of the AUA, Naples, FL November 29, 2017
67. Panel Session Moderator: “Surgical Updates” 65th Annual Kimbrough Urological Seminar of the Society Government Service Urologists, Scottsdale, AZ January 10-14, 2018
68. Poster. “Exercise Regimen for Preventative and Mitigation of Acute and Chronic Neck Pain in High-Performance Aircrew”, Vignesh Ramachandran, Sawan R. Dalal, Jeffrey A. Jones, Sadie M. Henry, Clay T. Winkler, Judd A. Rogers, David S. Baskin, Barry S. Shender . 2019 NASA Human Research Program Investigators’ Workshop (HRP IWS 2019), January 22 - January 25, 2019 Galveston, TX.
69. Poster: Increased Intraocular Pressure during Extended –Duration Shuttle Missions in Glaucoma as well as Ocular Normotensive and Hypertensive Crewmembers. Vignesh Ramachandran, Sawan R. Dalal, Francis K. Manuel, Jeffrey A. Jones. AsMA Annual Meeting, May 9, 2019 Las Vegas, NV.
70. Poster “Exercise Regimen for Prevention and Mitigation of Acute and Chronic Neck Pain in High- Performance Aircrew”, Ramachandran V, Dalal SR, Jones JA, Henry SM, Winkler CT, Rogers JA, Baskin DS, Shender BS. AsMA Annual Meeting, May 9, 2019 Las Vegas, NV.
71. Panel Session Chair: "Processes to Manage Ethical Challenges in Aerospace Medicine- A Review and Discussion". **Jones JA**, Bohnker BK, McCarthy GW, Illig P, Johnson N, Ruskin K, Parmet AJ.
72. Poster: ID #2018 “Exercise Regimen for Prevention and Mitigation of Acute and Chronic Neck Pain in High Performance Aircrews” Ramachandran V, Dalal S, O’Conor D, Jones JA, Henry SM, Winkler CT, Rogers JA, Baskin DS, Novotny B, Shender BS, Shivers B, Dalal S. BCM-Center for Space Medicine on February 26, 2020 at the United States Naval Aeromedical Conference –Naval Air Station Pensacola, Pensacola, Florida, USA
73. Poster: Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction Winter Meeting, Shreeya Papat, February 27, 2020, Scottsdale, AZ

74. Poster: “UPDATED FINDINGS: EXERCISE REGIMEN FOR PREVENTION AND MITIGATION OF ACUTE AND CHRONIC NECK PAIN IN HIGH-PERFORMANCE AIRCREW” AUTHORS: Reece Rosenthal¹, Nicole Butler¹, Ryan J. Keller¹, Sawan Dalal¹, Jeffrey A. Jones^{1,4}, Sheryl Vandeven², Daniel O’Conor¹, Vignesh Ramachandran¹, Brian Novotny³, Sadie M. Henry⁵, Clay T. Winkler⁶, Judd A. Rogers⁷, David S. Baskin⁸, Barry S. Shender⁹, Bethany L. Shivers United States Navy Aeromedical Conference Naval Aerospace Medical Institute, Pensacola, FL Feb 2022
75. Moderator: Prostate Cancer Session, Innovations In Urology, Jeffery Jones, Guilherme Godoy, 17 September 2022
76. Panel Session: “Humans Systems Integration and Research for Spaceflight” AIAA – American Institute for Aeronautics and Astronautics (AIAA) SCITECH 2023 Forum January 2023
77. Panel Session Moderator: Urologic Society for American Veterans Session at “69th Annual Kimbrough Urological Seminar of the Society Government Service Urologists, Tucson, AZ January 18-22, 2023
78. Poster: ID #87 “Impact of Extended VS Limited Pelvic Lymph Node Dissection on Biochemical Recurrence in Intermediate and High – Risk Prostate Cancer” David E. Hinojosa – Gonzalez, Jose A. Nolzaco, Gal Saffati, Jeffrey A. Jones, Dov Kadmon, Justin Badal, Jeremy R. Slawin, April 2023
79. Poster: ID #89 “Comparison of Peritoneal Interposition Flaps and Sealants for Prevention of Lymphocele after Radical Prostatectomy and Pelvic Lymph Node Dissection: A Bayesian Network Meta – Analysis and Meta – Regression” David E. Hinojosa – Gonzalez, Gal Saffati, Jeremy Slawin, Jeffrey A. Jones, Dov Kadmon, Justin Badal, Jennifer M. Taylor, April 2023

16. **Military Service:**

United States Naval Reserves, Medical Corps	1989-Present
Date of Rank -	7/1/86; Lieutenant
Date of Oath -	7/17/89
PEBD	7/21/89
Date of Rank Promotion -	2/20/92; Lieutenant Commander
Date of Rank Promotion-	5/1/98; Commander
Date of Rank Promotion	7/1/04; Captain

Designations/ NOBC/ SSP/ AQD/ PAFSC/ ASC

Medical Department Staff Officer	Designator	2105
	NOBC	0002
Health Service Department Head	NOBC	0020
Urologist/ Urologic Oncologist	NOBC	0269
Board Certified	SSP	15J0K
U.S. Naval Flight Surgeon	Designation #	5271
	NOBC	0110
Preventive Medicine Officer - Aerospace	NOBC	0163
	SSP	15K0K
Aviation Medicine, Aerospace Medicine	SSP	15A0J
Board Certified	AQD	6AG
U.S. Air Force Basic Flight Surgeon	PAFSC	48g4

ASC 8J

Fleet Marine Force Warfare Naval Officer

Duty Stations

Naval Reserve Readiness Center - Indianapolis, IN; Primus Unit P1357a	89-92
Naval Reserve Center/Naval Air Station- Dallas, TX; Primus Unit P1115a	92-97
Naval and Marine Reserve Readiness Center- Houston, TX	1-5/97
Program 9, 4th Marine Division, Medical Detachment 1/23 Naval Air Station New Orleans, LA; Marine Air Group 42, 4 th MAW Medical	5/97-10/02
Naval Air Station Fort Worth, TX Marine Air Group 41, HQs Medical	10/02-Present
Joint Support via MOA to 147 th Medical Squadron, 111 th Fighter Wing, Texas Air National Guard, Ellington Field, TX	10/97-06
Naval Air Station Fort Worth, TX Marine Air Group 41, HQs Medical	10/02-9/09
Al Asad Air Base, Al Anbar Province Iraq, VMFA-112	9/09-12/09
Naval Air Station JRB Fort Worth TX, VMFA-112	12/09-12/10
4 th Marine Air Wing Headquarters, New Orleans, LA	12/10-Present
NAS Corpus Christi, TX CNATRA- Chief of Naval Air Training HQs-	12/13-12/14
NAS Fort Worth, TX Fleet Logistics Support Wing	12/14-08/2021

Appointments

Staff Surgeon/Urologist - Great Lakes Naval Hospital-	1991-1992
Staff Surgeon/Urologist - Fleet Hospital 21-	1992-1994
Urology Section Head/ Dept. Surgery- Fleet Hospital 21	1994-10/1996
Asst. Battalion Surgeon 4th Marine Division Medical Detachment 1/23	11/1996-5/97
Flight Surgeon, HMLA-775 MAG 42, Marine Air Wing, Medical Dept.	5/97-10/99
Naval Air Station New Orleans, Belle Chasse, LA	
Acting Chief of Aerospace Medicine- 147 th Medical Squadron,	1996-1997
Texas Air National Guard, Ellington Field	
Executive Officer, Training & Security Officer, Medical Unit MAG 42,	
Det C; Naval Air Station New Orleans, Belle Chasse, LA	9/97- 10/99
Commanding Officer, 4 th Marine Air Wing, MAG 42 Medical Unit	11/99-11/01
Naval Air Station New Orleans, Belle Chasse, LA	
Flight Surgeon, HMLA-773, MAG 42, Camp Pendleton, San Diego, CA	11/01-06/02
Flight Surgeon, HMLA-773, MAG 42 Det C, Marietta Georgia	7/02-12/02
Flight Surgeon, MAG 41 Naval Air Station Carswell, Ft. Worth, TX	1/03-11/03
Executive Officer 4 th MAW MAG 41 Medical Naval Air Station	11/03-12/06
Carswell, Ft. Worth, TX	
Flight Surgeon, VMFA-112, F/A-18 Squadron, MAG 41, NAS Ft Worth	11/03-12/10
Senior Medical Officer MAG 41 Medical- NAS Fort Worth	1/07-12/10
Senior Medical Officer Flight Line Aid Station, Al Asad Air Base, Iraq	9/09-12/09
Staff Surgeon, 47 th Combat Surgical Hospital, Al Asad Air Base, Iraq	9/09-12/09
4 th Marine Air Wing Surgeon	12/10-2013
CNATRA (Naval Air Training) Flight Surgeon	2013-2014
CFLSW (Fleet Logistical Support) Wing Surgeon	2014-2021
USNR Aerospace Medicine Specialty Leader	2016-2021

Military Awards/Citations

National Defense Ribbon- Operation Desert Shield/Storm (Bronze Star-OEF,OIF)	1994
Sharpshooter Marksmanship Ribbon	1995
Armed Forces Reserve-Ten Year Service Medal	1996
Marine Standard Marksmanship	1997

Commendation from Alaskan Air National Guard for support Of Arctic Care	1997
Commendation from RADR Lynch as finalist in AMCON Junior Medical Officer of the Year Award	1997
Commendation from IMACE Commanding General for Medical support	1997
Air Force Achievement Medal	1998
Navy Achievement Medal	1998
Outstanding Volunteer Service Medal	1999
Sharpshooter Marksmanship M-9 (USMC standards)	1999
Fleet Marine Force Ribbon	1999
Meritorious Unit Commendation Award	2001
Global War on Terror Service Medal	2001
Navy Arctic Service Ribbon	2002
Global War on Terror Expeditionary Medal	2004
Marksmanship Ribbon- M-16 (USMC Standard)	2008
Iraqi Campaign Medal	2009
Sea Service Ribbon	2009
Armed Forces Reserve Medal - 20 years of service	2009
Combat Air Medal	2010
Bruce Jackson Award - Naval Reserve Flight Surgeon of the Year	2010
USN/USMC Commendation Medal	2011
* Hansen Award (Top USMC Tactical Air Squadron)	2011
* Naval Unit Citation	2012
 Military Schools/Training	
Direct Commission Officers Training- Pensacola, FL Class Leader of 35	1995
Fleet Hospital Orientation and Training Command- Phase II- Camp Pendleton, CA	1996
Aerospace Medical Primary/Flight Surgeon's Course- US Air Force Brooks AFB	1996
Survival Training, Brooks AFB, TX	1996
Hyperbaric Training for Health Care Officers, Brooks AFB, TX	1997
Top Knife Fighter Doctor Training Course, Kingsley Field, Oregon	1997
Aviation Pre-flight Indoctrination, Pensacola, FL	1998
Academic 73 hrs: Aerodynamics-21, Meteorology -14, Engines-13, Navigation-17, Flight Rules & Regs-7 Physical Training 77 hrs: Water Survival, Land Survival Aviation Physiology, Physical Fitness	
Aviation Primary, Whiting Field	1999
Academic 122.8 hours: T-34 aircraft systems-34, Aerodynamics-11, Federal Aviation Rules and Regulations- 8, Meteorology-B-32.8, Instrument Flight Rules- 37	
Aviation Advanced, Whiting Field	2001
Academic 40.9 hrs: Aerodynamics-9, Instrument Navigation-22.9, Engines/Rotary Systems- 9	
Air War College 1 st Semester	2000
Chemical, Biological, Radiological, and Environmental Casualty Care Management Course (CBRE) Navy Environmental Health Center, Navy Environmental and Preventive Medicine Unit 6 Pearl Harbor, Hawaii, 1-3 March: 22 hrs. CME	2002
Navy Force Protection, Readiness, Optimization, Integration Symposium	

CINCPACFLT/MARPACFLT Navy Station, Pearl Harbor, HI	
March 4-8: 25 hrs. CME	2002
Laws of Armed Conflict NASJRBFW-JAG office	2009
SERE B-100, Water Survival and Jet Physiology Refresher MCAS Miramar	2009
Military Correspondence Courses Completed	
Cold Weather Medicine	3/97
Principles of Epidemiology	4/97
Deployments/Temporary Active Duty/ Ship Duty-	
USS Abraham Lincoln (CVN-92)	5/90
Kipnuk and Bethel, Alaska- ArcticCare '97 Marine 4th Medical Battalion- OIC of village detachment	3/97
Elmendorf AFB, Anchorage, AK- FS support of USMC/USAF VMFA 111 th Fighter Squadron DACT (dissimilar aircraft combat training)	8/97
MCAS Yuma. AZ- HMLA 775 FS support of Combined Arms Exercise (CAX) 7 Twenty-Nine Palms, CA	6/98
Devon Island, Canadian Arctic (North of Arctic Circle) supporting field expedition	6/99
MCAS Twenty-Nine Palms, CA Air Combat Element Flight Surgeon for Combined Arms Exercise (CAX) 8	6/00
Devon Island, Canadian Arctic- FS support of Marine C-130 VMGR-234 airdrop mission and NSF field expedition	7/00
McMurdo Station and Amundsen Scott South Pole Station, Antarctica FS support of 109 th ANG LC-130 airlift and aeromedical evacuation	12/00
USS Tarawa (LHA-1), Amphibious Operations Training Exercises, Assault on Camp Pendleton, CA	7/01
Luke AFB, Phoenix, AZ- FS support of VFMA-112 USMC/308 th Fighter Squadron DACT	04/04
Andersen AFB, Guam FS support of Operation "Noble Eagle"	08/04
Royal Australian Air Force Base, Darwin Australia, FS support of MAG Operation "Southern Frontier"	08/04
Nellis AFB, Las Vegas Nevada supporting joint Air Warrior FAC-A exercise	05/05
MCAS Miramar, San Diego, CA supporting of VMFA-112 DACT exercises	07/05
NAS Fallon, Fallon, Nevada supporting VMGR-234 training ops	07/05
MCAS Kanehoe Bay, Hawaii supporting HCAX- joint service exercises	02/06
MCAS Miramar, San Diego, CA Operation Mojave Viper	10/07
MCAS Miramar, San Diego, CA Operation Mojave Viper	02/08
MCAS Miramar, San Diego, CA Operations Mojave Viper	07/09
Al Asad Air Base, Al Anbar Province Iraq	9/09-12/09
MCAS Miramar, San Diego, CA Operation Extended Mojave Viper	3/10-4/10
Military Special Assignments	
Advisor for Human Factor Considerations of Military Spaceplane- Col.(Br. Gen.) P. Worden, Col. McPherson USAF/Space Command	4/97-12/99
Flight Hours Logged	
Military/NASA (as Flight Surgeon and as Pilot/Co-Pilot)	

<u>Aircraft Type</u>	<u>Hours</u>
Military	

F-16	20.2
F-15	1.0
F-18	2.5
F-18S	6.5
EA6-B	60.0 (combat flight hours)
T-34	14.7
T-37	1.0
T-38	34.0
TH-57	2.5
KC-10	5.7
LJ-35	7.0
B52-N	4.1
STA(G2)	15.0
C-130/LC-130	74.5
C-130	15.0 (combat flight hours)
C-17	12.5
C-141	10.0
C-26	1.5
C-40	11.5
P-3	5.0
UH-1N	50.0
AH-1W	16.5
UH-60	5.0
UH-58	1.0
CH-46	5.0
KC-135	23.0

Civilian

Cessna 152	15.0
Piper Warrior (PA28)	12.0

Total : approx. 400 hrs

17. **Licensing:**

UPIN #: F01319

NPI#: 1407835440

Taxonomy Codes: 2083A0100X - Aerospace Medicine
208800000X – Urology

Medicare: Individual Provider # 8L3447

National Cancer Investigator #: 21334

17. **Hospital Appointments and Inclusive Dates for Each:**

Indiana University Hospitals, 550 N. University Blvd. Indianapolis, IN 46202
Active Staff, 1991-1992

Richard A. Roudebush Veterans Hospital Teaching Staff, 1991-1992

Great Lakes Naval Hospital, Illinois

Staff Medical Officer, 1991-1992
National Emergency Services, 1987-1992
Emergency Room Night Coverage Physician:
Fort Benjamin Harrison-Hawley Community Hospital
Wishard Memorial Hospital-Indianapolis, IN
Greencastle Community Hospital; Greencastle, IN
University Medical Center Hospital, Lubbock, TX
Active Staff, 1992-1996
Highland Medical Center Hospital (now Grace Medical Center), Lubbock, TX
Courtesy Staff, 1994-1996
St. Mary of the Plains Hospital (now Covenant Hospital), Lubbock, TX
Courtesy Staff, 1995-1996
South Park Hospital (now closed), Lubbock, TX
Provisional Staff, 1995-1996
R.E. Thomason Hospital (now University Medical Center), El Paso, TX
Provisional Staff, 1995-Present
Big Spring Veterans Hospital, Big Spring, TX
Consultant Staff, 1995-1996
Flight Medicine Clinic, NASA Johnson Space Center, Houston, TX
Active Staff, 1996-2009
Veteran's Administration Medical Center, 2002 Holcombe Blvd., Houston, TX 77030
Attending and Consultant Urologist, 1997-Present
Christus St. John's Hospital, 18300 St. John Dr. Nassau Bay, TX 77058
Consulting Staff, 1999-Present
Ben Taub General Hospital; Texas Medical Center, Houston, TX 77030
Attending and Consultant Urologic Surgeon, 2008-Present
Centura Hospitals Colorado: Mercy Regional Medical Center/Porter Robotic Surgical
Center(Denver)- Medical Plaza Suite 245, 1010 Three Springs Ave. Durango, CO 81301
2011-2013
Baylor St Luke's Medical Center/ CHI St Luke's Health- 6720 Bertner Ave Houston, TX 77030
2011-P
Texas Children's Hospital / Pavilion for Women 6621 Fannin St Houston, TX 77030
2013-P

18. Military and Miscellaneous Appointments:

Branch Medical Clinic - Naval Air Station JRB, Belle Chasse, LA
American Red Cross volunteer Physician; September 2005, supporting Disaster Relief
Operation #009, Hurricane Katrina, Houston, TX\
Branch Medical Clinic- Naval Air Station JRB- Fort Worth, TX, 7/03-present
Mountain Home Air Force Base Flight Medicine Clinic / Gowen Field (Madigan Army
Medical Center- credentialing) Mountain Home, ID
Branch Medical Clinic- Marine Corps Air Station, San Diego, CA, 7-8/2009 and 3-4/2010
47th Combat Surgical Hospital Al Asad Air Base, Al Anbar Province, Iraq
Surgeon/Urologist 9-12/2009
Naval Medical Center Hospital- Balboa NMC 348000 Bob Wilson Dr, San Diego, CA, 92134
3-4/2010
Naval Air Station Corpus Christi Army Depot Naval Health Clinic 10651 E Street Corpus
Christi, Texas 79419 2012-2021