

**SHANNON C. MILLER, M.D., FASAM, FAPA**



**POINT OF CONTACT**

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## BIOGRAPHY

**Dr. Miller** is double-Board Certified in both Psychiatry and Addiction Medicine. He is a native of Ohio and was awarded United States Air Force (USAF) full scholarships in physics and pre-medicine for undergraduate training, and later a full scholarship for medical school. Dr. Miller earned honors distinctions in undergraduate and graduate education. He then completed residency in psychiatry at Wright Patterson USAF Medical Center/Wright State University in Dayton, Ohio where he ranked in the top 1-2% among all U.S. psychiatry resident physicians-in-training. Selected by the Psychiatry Consultant to the USAF Surgeon General to serve at the high-visibility Presidential base of Andrews Air Force Base in Washington, DC, he treated a variety of high-profile military and federal officials, as well as rare conditions. Here he served at the Tri-Service Addiction Recovery Center (Tri-SARC) – the worldwide tertiary referral center for the diagnosis and treatment of addiction related disorders within the Department of Defense (DoD). In short time he was promoted to Chief Administrative and Clinical Officer of TriSARC. As Chief, he was awarded the Meritorious Service Medal for vastly overhauling service design, reducing costs, and translating several cutting-edge research findings into practice, and earning one of few *USAF Best Practice Awards*.

Hand-picked by the DoD as the Lead Editor/Author for the first-ever Veterans Affairs-DoD *Clinical Practice Guideline for the Management of Substance Use Disorders*, Dr Miller has been active in a wide range of topics relating to addictions and has roughly 40 peer-reviewed medical publications. He has been interviewed for *Dateline* (NBC), *Pravda*, and *U.S. News & World Report* for his expertise. He Co-Chaired the *American Society of Addiction Medicine (ASAM) Review Course* and has served as Co-Editor for their flagship text Principles of Addiction Medicine; one of the largest, most read addiction-related texts worldwide. Dr Miller has been selected as a “Fellow” of both the American Psychiatric Association and ASAM, and Co-Chaired the *State of the Art Course in Addiction Medicine* – ASAM’s most prestigious scientific course. Dr. Miller co-authored the VA-DoD *Clinical Practice Guideline for the Management of Opiate Therapy in Chronic Pain*. He serves as a founding Co-Editor of Journal of Addiction Medicine, ASAM’s official peer-reviewed medical journal.

Throughout his career, Dr Miller has maintained medical school faculty appointments and an active clinical practice. Dr. Miller has 15 years direct clinical experience specializing in addictions, including detoxification, rehabilitation, dual-diagnosis, corrections, methadone, buprenorphine, chronic pain, drug testing, impaired providers, gambling addiction, and sexual addiction. He has earned awards in teaching, leadership and clinical excellence; including the *Humanism in Medicine Award* (American Medical Association) and *America’s Top Psychiatrists*. Dr Miller serves the Cincinnati VA as Program Director of the Addiction Medicine Research Fellowship where he distinguished this program as one of the first 10 ever accredited by the American Board of Addiction Medicine. Dr. Miller serves as Associate Director for Education, Training, and Dissemination for the Center for Treatment, Research, and Education in Addictive Disorders (CeTREAD); where he is also serving as Interim Co-Director. Dr. Miller also serves his country as a research physician at the USAF Research Lab. Dr. Miller has nearly 20 years experience providing forensic consultation, depositions, and testimony to both sides of the bar, civil and criminal, throughout the USA and Europe on a wide array of topics relating to his court-recognized areas of expertise.

**1. NAME**

Shannon C. Miller, M.D., FASAM, FAPA

**2. EDUCATION**

**a) Formal education**

Air Command and Staff College  
(Correspondence)  
Air University, Maxwell Air Force Base, AL  
United States Air Force  
1999-2000

Residency Training in Psychiatry  
Wright Patterson Regional USAF Medical Center /Wright State University  
Wright Patterson Air Force Base (AFB), OH  
1992-1996

M.D., The Ohio State University College of Medicine  
Columbus, OH  
1988-1992

B.S., Otterbein College  
Westerville, OH  
Major: Life Sciences  
Minor: Chemistry  
Summa Cum Laude/Valedictorian  
1984-1988

High School Diploma  
Ohio  
Summa Cum Laude/Valedictorian  
Varsity Athletics Letter Club Inductee  
1980-1984

**b) Credentials**

Fellow, American Psychiatric Association (FAPA)

Fellow, American Society of Addiction Medicine (FASAM)

Board Certification in Psychiatry (1997, 2007), American Board of Psychiatry and Neurology

Board Certification in Addiction Medicine (2009), American Board of Addiction Medicine

Certification in Addiction Medicine (1998, 2008), American Society of Addiction Medicine

Previously certified in the Medical Review of Drug Testing (1999, 2005), Medical Review Officer Certification Council

SAMHSA/CSAT-certified prescriber, Buprenorphine (2001, 2007); opiate detoxification, maintenance

Certificate of completion, American Society of Addiction Medicine Patient Placement Criteria, version 2 (1997)

Diplomate, National Board of Medical Examiners

Licensed, State of Ohio Medical Board: Dec 22, 1993-

### 3. APPOINTMENTS

#### a) Medical School

Center for the Treatment, Research, and Education in Addictive Disorders (CeTREAD), Department of Psychiatry and Behavioral Neuroscience, University of Cincinnati College of Medicine, Cincinnati, Ohio

- Professor of Clinical Psychiatry (Affiliated), 2011-
- Associate Professor of Clinical Psychiatry (Affiliated), 2006-2011
- **Interim Co-Director**, 2011-present
- **Assoc. Dir. of Education, Training, and Dissemination**, 2006-present
- **Program Director, ACGME-accredited Addiction Psychiatry Fellowship** training program, 2008-2010

Department of Psychiatry, Boonshoft School of Medicine, Wright State University (WSU), Dayton, Ohio

- Associate Professor of Psychiatry, April 2005 – October 2006
- Assistant Professor in Psychiatry, July 2001 – July 2004
- Associate Training Director, Psychiatry Residency, June 2002 – July 2004
- **Training Director**, Psychiatry Residency program, USAF, June 2002 – July 2004
- Assistant Residency Training Director, Psychiatry Residency, July 2001 – June 2002

Department of Psychiatry, Uniformed Services University School of Medicine, Washington, DC

- Assistant Professor in Psychiatry, 1996 – 2001
- Associate Residency Training Director, National Capital Area (NCA) Military Psychiatry Residency, Sept 1997 - May 2001

#### b) Medical Staff

Staff Psychiatrist

- **Program Director, ABAM-accredited VA Advanced Fellowship in Addiction Medicine/Research**, 2008-present
- **Medical Director**, Dual Diagnosis and Sobriety Plus Clinics, 2009-present
- Outpatient and Emergency Room Detoxification Services, 2006-present
- Opioid Agonist Services: Methadone Maintenance Clinic, 2006-2008, Buprenorphine, 2006-present

Veterans Affairs Medical Center\*

Cincinnati, OH

October 2006-

\*The Cincinnati VA serves the VA as a Clinical Program of Excellence in Substance Abuse (one of 3 in the U.S.A.)

\*The Cincinnati VA serves the VA as a National Tobacco Cessation Clinical Resource Center (one of 2 in the U.S.A.)

\*The Cincinnati VA ranked #2 among VA's nationwide in 2011 for number of patients prescribed Buprenorphine for addiction

**Lieutenant Colonel**, USAF Reserve

Senior Research Physician

Biosciences and Performance Division

Human Effectiveness Directorate, 711<sup>th</sup> Human Performance Wing

United States Air Force Research Lab

Wright Patterson Air Force Base, OH

June 2006 –

Consultant & **Design Leader**, Addiction Services

Craig and Francis Lindner Center of HOPE

Mason, OH

2006 – 2008

**Medical Director**, Dual Diagnosis Rehabilitation Services

**Medical Director**, *Polysubstance Rehabilitation Services*

Veterans Affairs Medical Center

Dayton, OH

October 2004 – October 2006

Private practice of general adult psychiatry

Dayton, OH

September 2004 – September 2006

Medical Review Officer

Wright Patterson Air Force Base, OH

July 2003 – June 2004

**Acting Chief**, Psychiatry

Wright Patterson Medical Center

Wright Patterson AFB, OH

Jan 2003 – Aug 2003; Jan 2004 – May 2004

**Medical Director**, Alcohol & Drug Abuse Prevention & Treatment (ADAPT)

Wright Patterson Medical Center

Wright Patterson AFB, OH

July 2001 – June 2004

Psychiatrist  
Advanced Therapeutic Services (community mental health clinic)  
Dayton, OH  
Nov 2002 – May 2004

Psychiatrist  
Dayton Human Rehabilitation Center (jail)  
Aug 2001 – Sept 2002

**Chief**, Tri-Service Addiction Recovery Center  
(Chief administrative & clinical officer)

- ASAM Levels of care 2.5 & 2.1 (Partial Hospitalization, Intensive Outpatient)
- ASAM Levels of care 0.5 & 1.0 (ADAPT/Outreach, Outpatient Treatment Services)
- Intake & Managed Care Authorization Services
- Family Recovery Services
- Nicotine Addiction Services
- Dual Disorder Services
- Gambling Addiction and Sexual Addiction Services

Malcolm Grow USAF Medical Center (MGMC)  
Andrews Air Force Base, MD  
May 1999 – June 2001

Psychiatrist  
The Family Health Center (pretrial and probationary mental health services)  
Hyattsville, MD  
Oct 2000 – June 2001

Psychiatrist  
Ethos Foundation, Inc. (pretrial and probationary mental health services)  
College Park, MD  
July 1998 – Sept 2000

**Clinical Director**, Inpatient Addiction Services (Detoxification & Dual Diagnosis)  
Tri-Service Addiction Recovery Center  
Andrews Air Force Base, MD  
Aug 1997 -- May 1999

Attending Physician  
Tri-Service Addiction Recovery Center  
Andrews Air Force Base, MD  
July 1996 – June 2001

#### 4. AWARDS AND HONORS

##### *Military*

- **Meritorious Service Medal (with oak leaf cluster)**, USAF, 2001-2004

- **Meritorious Service Medal**, USAF, 1996-2001
- Air Force Outstanding Unit Award (with 2 oak leaf clusters)
- Air Force Organizational Excellence Award (with 1 oak leaf cluster)
- National Defense Service Medal (with bronze star)
- Air Force Longevity Service Award (with 3 oak leaf clusters)
- Small Arms Expert Marksman Ribbon
- Air Force Training Ribbon

*Staff Physician*

- Selected, Clinician Study Member, **DSM-5 Field Trials** in Routine Clinical Practice, American Psychiatric Association, 2011
- “#1 Reservist,” 711<sup>th</sup> Human Performance Wing, USAF Research Lab, 2010
- Innovation in medical education recognized by UC Med Ed Matters, 2009
- Selectee, **America’s Top Psychiatrists**, Consumers’ Research Council of America, Washington DC, 2008 - 2011
- VA Overall Performance Pay Award, 2008-2010
- VA "WOW-ACT" recognition for clinical excellence by patients or staff, 2007, 2008, 2011
- VA Clinical Performance Award, 2007
- **Resident’s Faculty Recognition Award**, given psychiatry residents, “in recognition of valued guidance and inspiration,” WSU, 2004
- **Chair’s Faculty Recognition Award**, “exemplary contributions to the Dep’t of Psychiatry,” WSU, 2003
- **Janssen Pharmaceutica/Emory University “Future Leaders in Psychiatry.”** 1 of 87 psychiatry faculty selected nationally for an educational & mentoring experience with national leaders in psychiatry, 2002, Miami, Florida
- Featured by ASAM for contributions to the field, ASAM News, 2002

- **“Definitely Promote/My #1 Below the Promotion Zone physician.”**  
Given for promotion to Lieutenant Colonel, by Medical Group Commander/Brigadier General, 2000 & 2001
- VHA- DoD Substance Use Disorder Practice Guidelines selected by Veterans Health Administration (VHA) and Department of Defense (DoD) as single pick/best practice model for illustrating to future practice guidelines authors how to properly apply evidence based principles
- **"2001 Humanism in Medicine Award,"** sponsored by the Organization of Student Representatives of the Assoc. of American Medical Colleges, together with the American Medical Association and Pfizer, Inc.
  - Selected by >600 medical students at the Uniformed Services University (USU). This award recognizes those USU faculty worldwide who "demonstrate not only superior technical competence and a drive to further their profession, but also embodied mentorship, displaying an active interest in the professional development of both students and colleagues and reinforcing professionalism through interactions with students and patients," 2001
- **National finalist** for a 3-year fellowship program "Developing Leadership in Preventing Substance Abuse," Robert Wood Johnson Foundation, 2001
- USAF Nominee to sit on National Council of Drug Abuse
- USAF nomination by the Psychiatry Consultant to the USAF Surgeon General for the "Porter Award." This award is given to the DoD psychiatrist who has contributed most to the mission of military medicine, 2001
- Our restructuring of Addiction Services at Andrews AFB was **one of less than 10 Quality Improvement projects selected by the Department of Defense Office of Health Affairs, TriCare Management Activity as DoD examples to the Institute of Medicine** of QI initiatives that have progressed and shown results in improving care for beneficiaries, 2000
- **"Best Practice Award" for clinical service design, delivery.**  
United States Air Force Inspector General health services inspection. Concept and design of a Structured Living Environment recognized throughout USAF Medical Service for enabling relocation of various inpatient services (IV drug therapy, aero-medical care, substance detoxification and rehabilitation, etc) to far more cost-effective outpatient care, 2000

*Residency*

- **Most Outstanding Resident Award**
- **Ranked in the top 1-2% of US psychiatry residents, Psychiatry Resident In-Training Examination (PRITE)** (a national, standardized exam)

- **National Laughlin Fellow Nominee**
- *Letter of Appreciation*, Wright Patterson Medical Center
- *Letter of Exemplary Performance*, Wright Patterson Medical Center

*Medical School*

- Dean's Letter of Commendation: Neurosciences and Neuroanatomy
- Dean's Letter of Commendation: Gross Anatomy and Embryology
- Dean's Letter of Commendation: Pediatrics Clinical Rotation
- Dean's Letter of Commendation: OB-Gyn Clinical Rotation
- Dean's Letter of Honors: Internal Medicine Clinical Rotation
- **United States Air Force Health Professions Scholarship Award** (4-year full scholarship to medical school of choice)

*Undergraduate*

- Dean's List, every term
- Freshman scholastic honorary
- Science and math honorary
- Pre-med honorary
- Teleiotes (Mortar Board)
- Torch and Key- scholastic honorary
- **American Legion ROTC Scholar Award**
- United States Air Force ROTC Honors Ribbon- every year
- United States Air Force ROTC Physical Fitness Ribbon- every year
- **United States Air Force ROTC Scholarship Award, Pre-Health Professions** (3-year full scholarship to college of choice)
- **United States Air Force ROTC Scholarship Award, Physics** (4-year full scholarship to college of choice)
- United States Air Force ROTC Honor Flight Ribbon

- Otterbein Presidential Scholarship
- Otterbein Life Sciences Departmental Scholarship
- Otterbein General Scholarship
- Local Rotary Club Scholarship

*Other*

- *Neighborhood Pride Award* recipient (recognized by city & mayor), 1994
- *Active of the Year, college fraternity*, 1987, 1988
- *Pledge of the Year, college fraternity*, 1984
- *Scholastic Achievement Award, college fraternity*

**5. MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS**

- American Psychiatric Association, Member and **Fellow**
  - Ohio Psychiatric Physicians Association (district branch) (2010- )
  - Society of Uniformed Psychiatrists/District Branch (**Vice President**, 1999- 2000)
- American Society of Addiction Medicine, Member and **Fellow**
  - Ohio Society of Addiction Medicine
- American Academy of Forensic Sciences, Associate Member (elected), 2006-2010

**6. SERVICE**

a) Committee involvement

- Member, Scientific Advisory Group for the Practice-Based Research Network; a partnership between the Friends Research Institute and the American Society of Addiction Medicine, 2011-present
- Ad Hoc Member, Pain Council, Cincinnati VA Medical Center, 2010-present.
- Chair, Addiction Psychiatry Curriculum Subcommittee, Psychiatry Residency Curriculum Committee, UC College of Medicine, 2008
- Education Subcommittee, Department of Psychiatry Chair's Strategic Planning Committee, 2008
- Member, Program Directors Committee, UC College of Medicine

- Member, Steering Committee, Opiate Addiction Recovery Services, University of Cincinnati, 2008 – present
  - Psychobiology Committee, Department of Psychiatry, Boonshoft School of Medicine, WSU
  - Selection Committee for Department Chair, Psychiatry, Dayton VAMC
  - Professional Education Committee, WPAFB, 2001-2004
  - Medical Review Officer and Cross Functional Oversight Committee Representative, Malcolm Grow USAF Medical Center, 1996-2001
  - Search Committee, Forensic Psychiatry Program Director, National Capital Consortium, 1998
  - Policy Committee, NCA Military Psychiatry Residency Program, 1997-2001
  - PGYII Committee, NCA Military Psychiatry Residency Program, 1997-2001
  - Professional Education Committee, MGMC, 1997-2001
  - Voting Member, Dayton Area Graduate Medical Educ. Consortium, 1995-6
  - Voting Member, Residency Education Committee, WSU, 1995-6
  - Member, Residency Review Committee, WPAFB, 1995-6
  - Member, Curriculum Evaluation Committee (as a medical student)
- b) Professional activities: study sections, review boards, site visits, consultation
- Consultant to the Consumer Healthcare Products Association. Advised on their presentation to the FDA Advisory Committee to the U.S. Drug Enforcement Agency on the subject of the abuse potential and public health risks/benefits of dextromethorphan as an over the counter cough medicine. August 2010.
  - Chair, ACGME Site Survey preparation group, Addiction Psychiatry Fellowship, 2009, 2010
  - Voting Member, Institutional Review Board, WSU, 1995-6
- c) National/international distinguished activities
- Invited panel member, Blue Ribbon Panel, Office of Mental Health Operations, Department of Veterans Affairs. Panel is to be assembled to identify best practices/recommendations to improve treatment for OEF/OIF veterans in Residential Rehabilitation Treatment Programs programs with special emphasis on risk management and co-occurring disorders. This is in

response to several overdose deaths or near-overdose incidents and other mental health consequences. 2012.

- **Co-Chair, Annual UC Health Addiction Update**, University of Cincinnati; 2010 - present.
  - In our inaugural year we recruited over 100 registrants, 9 speakers; produced continuing education credits, division profit twice that of costs; very positive evaluation reports
- **Co-Chair, American Society of Addiction Medicine “State of the Art” Conference**, Washington DC; 2005
  - Designer, organizer, chair for 3-day conference for over 350 attendees, translated research into practice, directly involved the directors for the National Institute on Drug Abuse, the National Institute on Alcohol Abuse and Alcoholism, the Substance Abuse and Mental Health Services Administration, the Center for Substance Abuse Prevention, and other agencies as well as a Nobel Laureate
- **Co-Chair, American Society of Addiction Medicine “Review Course in Addiction Medicine,”** Chicago; 2002, 2004
  - Designer, organizer, chair for 3-day conference, trained >400 physicians in the principles and practice of addiction medicine, delivered services under budget and on time, recruited and facilitated international caliber faculty. International level audience/attendance from Saudi Arabia, Australia, Great Britain, Hong Kong, Canada, India, etc. Exit surveys revealed 98.5% of attendees felt conference met stated objectives and also enhanced professional effectiveness.
- Member, Planning Committee, Review Course in Addiction Medicine, American Society of Addiction Medicine, 2010
- Member, Planning Committee, State of the Art in Addiction Medicine Conference, American Society of Addiction Medicine; 2001, 2003, 2011
- Member, Graduate Medical Education/CME Committee, ASAM
- Member, Practice Guidelines Committee, ASAM, 2000-2001
- Member, Curriculum Committee, ASAM, 1999- 2001

d) Editorial Service

- **Founding Co-Editor**, Journal of Addiction Medicine (official peer-reviewed journal of the American Society of Addiction Medicine), 2006 - present
  - Co-founded, designed, and launched in < 1 year
  - PubMed citation awarded in less than 5 years



- **Special Report Chairperson.** Substance Abuse: Addiction and Recovery. *Psychiatric Times*, American Psychiatric Association, 2011 June;28(6).
    - Combined pharmacotherapies and behavioral interventions for alcohol dependence
    - Novel therapies for cognitive dysfunction secondary to substance abuse
    - Comorbid depression and alcohol dependence – new approaches to dual therapy.
- e) Manuscript reviews
- American Journal on Addictions, Current Psychiatry, Journal of Addiction Medicine, Principles of Addiction Medicine, 3rd edition, Psychiatric Times, Psychosomatics
- f) Participation in department recruitment activities
- Volunteer interviewer, Family Practice-Psychiatry Residency Training Program, 2010
  - Volunteer interviewer, UC Psychiatry Residency selection, 2008, 2010
  - Volunteer faculty, *UC Summer Neuroscience Experience*, 2008
  - Member, Dept of Psychiatry Medical Student Task Force Committee, 1995-6
  - Volunteer, Medical Student Psychiatry Interest Group, 1995-6
  - Member, Medical Student Task Force Committee, 1994-5. Goal was to increase medical student interest in psychiatry; that year, WSU was officially recognized by the American Psychiatric Association as having 2-3 times the national average of medical students enter psychiatry residency training

- Military Student Interest Group (as a medical student)
  - College of Medicine Tour Guide (as a medical student)
- g) Participation in local activities that benefit the institution
- As Director of Education, Training, and Dissemination, 2006-
    - Founding Co-Director, Addiction Sciences Division Journal Club
    - Founding Co-Director, *UC Health Addiction Update*
    - Oversaw the development and installation of a Motivational Interviewing experiential training protocol for residents and fellows
    - Led the Addiction Psychiatry Fellowship to a 5-year re-accreditation, zero citations
  - As Program Director, Addiction Psychiatry Fellowship, 2008-2010
    - Maintained American College of Graduate Medical Education program accreditation
    - Paradigm shift in recruitment; created several novel recruitment vehicles to both attract eligible physicians and also groom physicians interest in the field up to 8 years in advance
    - Nearly doubled fellow didactics to 85 hours
    - Created an ACGME-compliant Procedure Logger, one of few in U.S.
    - Created new rotations to vastly improve addiction-related experiences with women, family, pregnancy
    - Doubled the number of funded fellow training slots
    - Increased the number of fellows recruited
    - Increased funding towards fellow attendance at board review course
  - As Program Director, VA Advanced Fellowship in Addiction Medicine/Research, 2008-present
    - **Led fellowship to be among the first ten fellowships in U.S. history to be accredited by the American Board of Addiction Medicine (ABAM) Foundation** (3-year accreditation)
    - Paradigm shift in recruitment; created several novel recruitment vehicles to both attract eligible physicians and also groom physicians interest in the field up to 8 years in advance
    - Nearly doubled fellow didactics to 85 hours
    - Created an ACGME-compliant Procedure Logger for the field, likely one of the very first for Addiction Medicine in the U.S.
    - Created new rotations to vastly improve addiction-related experiences with women, family, pregnancy
    - Increased candidate interview / select ratio
    - Increased the number of fellows recruited; between 2009-2011 our program ranked #1 among 11 VA Advanced Fellowships in Substance Abuse Research for recruitment (recruited 3 of 7 total fellows recruited nationally by the VA).
    - Raised funding to support 100% of fellows to attend board review course, fully funded
  - **Chair**, outpatient addiction services re-alignment workgroup, VA, 2009

- Member, P20 Center Grant application workgroup, Addiction Sciences Division, UC College of Medicine, 2007-2008
- Chair, R25 Education and Training Grant application workgroup, Addiction Sciences Division, UC College of Medicine, 2007-2009
- Member, Chronic Pain and Addiction workgroup, Cincinnati VA, 2006-2007
- Member, Physician Compensation Panel, Dayton VA, 2006
- Member, Addiction services re-alignment workgroup, Dayton VA
- Member, Nursing issues workgroup, Dayton VA
- Volunteer, forensic services, defense of the Dayton VA
- Records Custodian, DoD Graduate Medical Education Selection Board, Psychiatry, 2003
- Deployed to combat zone after Sept. 11<sup>th</sup> terrorist attacks, **Operation Enduring Freedom**, 2002
- Tri-Service Addiction Recovery Center. In 2 years reduced the cost for rehabilitation services from \$42,000/patient to \$3,100/patient; reduced costs by \$1.134 million/year. Doubled and broadened referrals, resulting in the first ever proven cost effective hospital service at Malcolm Grow USAF Medical Center (Debits {salaries + operations costs + facility maintenance} - Credits {billing valuations} resulted in as much as \$18,000 "profit" per month)
- Member, Process Action Team, patient medical record consultation and referral system, Wright Patterson Medical Center, 2001
- **Chair**, Inpatient reorganization work-group. Implemented a paradigm shift in how the USAF provided treatment for addiction disorders (installed variable length of stays reducing costs by over 50%, created individualized treatment services for co-existing, pioneered nicotine services in parallel with addiction services, implemented outcome metrics)
- Member, MGMC Action Workout Team (reducing ER wait times)
- Founded, Intensive Outpatient Addiction Services, MGMC, 1999
- Co-Founded Patient Work Program, MGMC, 1999
- Created Tri-SARC Treatment Plan, struck unique balance between JCAHO requirements and clinical utility, adopted as department benchmark
- **Sole psychiatrist, Rapid Response Deployment Team, USAF. First team assembled in USAF history** to conceptualize, design, assemble, test, and

successfully deploy to combat-rated conditions a full-service mental health medical unit capable of being in full operation anywhere on the globe within 24 hours of notification; recognized by the USAF Surgeon General

- USAF Company Grade Officer of the Quarter Selection Board, 1998
- Member, first "Managed Care Retreat" held at WPAFB, to bring WPAFB psychiatric services in-line with managed care/third party insurance, 1994-5
- One of two residents selected for work groups to restructure the Department of Psychiatry after a new Chair was installed, WSU, 1993-4

h) Community activities

- Faculty Mentor to Psychiatry Resident, 2008-9
- Board of Directors, local homeowners association, 1999-2000
- Secretary, Architectural Review Board, homeowner's assoc., 1996-8
- Volunteer, WSU Student To Student Program, 1995-6. Gave presentations to the public on selected topics in mental health; facilitated several group discussions between 46 local fourth graders on the topic of depression and suicide (several children recently committed suicide in that school system)
- Volunteer, Depression Screening Program, American Psychiatric Association, 1993-4
- Social Chair, residency, 1994-5
- Class Representative, residency, 1993-4
- Volunteer, Mentor Program, 2 medical students, 1992-3
- Advisor, fraternity, Otterbein College (as medical student)
- College Senator
- Member, college Campus Programming Board
- Science Fair Judge (as college student)
- Freshman Orientation Assistant, Otterbein College
- Dormitory Resident Assistant, Otterbein College, 1985-6
- College fraternity activities
  - President, 1987-8
  - Rush Chair, 1985-6, 1986-7

- Representative, Inter-fraternity Council, 1984-5
- Intramural football, basketball, softball, and Greek Olympics
- Director of Prizes, *Run for Life* (charity fundraising activity)
- Co-Founder, Director of Prizes, *Walk for Life* (charity fundraising activity)
  
- College Greek honorary: Secretary, Treasurer
  
- Senior Advisor, Freshman Scholastic Honorary (as college student)
  
- President, Freshman Scholastic Honorary (as college student)
  
- Vice-President, Math and Science Honorary (as college student)
  
- Air Force Reserve Officer Training Corps, The Ohio State University. Chief, Community Relations
  
- Nursing Assistant/Orderly, nursing home, 1987-8
  
- i) Service related grants and contracts
  - Successfully competed nationally in VA RFP under “Critical Needs and Emerging Specialties” to increase VA-funded training billets for Addiction Psychiatry Fellowship, 2009

## 7. TEACHING

### *Teaching awards*

- **Golden Apple Teacher of the Year Award**, single departmental award given for “teaching excellence,” WSU Psychiatry Residency Training Program, 2003
  
- **Teacher of the Year Award**, from the PGY2 class, NCA Military Psychiatry Residency Program; 1997, again in 2001

### *Training Rotations, Graduate Medical Education*

- Attending physician, outpatient addiction psychiatry rotation, Addiction Psychiatry and Addiction Research Fellows, UC and VA, 2009 - present
  
- Dual diagnosis rotation, PGY3, UC, 2008
  
- Supervision on outpatient detoxification patients, PGY1, UC, 2006 – present
  
- Psychiatry Clerkship Rotation, MS3, Dual Diagnosis Clinic, UC, 2008
  
- Addiction Psychiatry, MS4 elective, UC, 2007
  
- Addiction Psychiatry, MS4 selective, WSU, 2005-6

- Addiction Psychiatry, PGY1, WSU/WPAFB Psychiatry Residency, 2005-6
- Adult Psychiatry Clinic, PGY3, WSU/WPAFB Psychiatry Residency, 2001-4
- Consultation & Liaison Psychiatry, PGY2, WSU/WPAFB Psychiatry Residency, 2001-2
- Geriatric Psychiatry in Primary Care, PGY4, WSU/WPAFB Psychiatry Residency, 2001-2
- Addiction Medicine, PGY2, DeWitt Army Medical Center Family Practice Residency, 1996-2001
- Addiction Psychiatry, PGY2, NCA Military Psychiatry Residency, 1996-2001
- Co-Founder, PGY 3 Training Year in Outpatient Mental Health Clinic, Malcolm Grow USAF Medical Center, National Capital Area Military Psychiatry Residency, 2000
- Developed, marketed and deployed the first ever NCA "at home" call experience for psychiatry residents; expanded manning, improved morale

*Lectures, Graduate Medical Education*

- *What is addiction?*, 2010-present. Given to UC and VA Addiction Fellows
- *Sexual addiction*, 2010. Given to UC and VA Addiction Fellows
- *Pathological Gambling Disorder & problem gambling*, 2010-present. Given to UC and VA Addiction Fellows
- *Drug testing*, 2010-present. Given to UC and VA Addiction Fellows
- *Nutmeg, Salvia, Propofol, and other drugs of abuse*, 2010-present. Given to UC and VA Addiction Fellows
- *Neurobiology of addiction disorders*, 2009-present. Given to UC and VA Addiction Fellows
- *Steroids, inhalants*, 2009-present. Given to UC and VA Addiction Fellows
- *Dissociatives, hallucinogens*, 2009-present. Given to UC and VA Addiction Fellows
- *Detoxification from sedative-hypnotics*, 2009-present. Given to UC and VA Addiction Fellows
- *Detoxification from alcohol*, 2009-present. Given to UC and VA Addiction Fellows
- *Clinical practice guidelines*, 2009-present. Given to UC and VA Addiction Fellows

- *Documentation of Care*, 2009-present. Given to UC and VA Addiction Fellows
- *Orientation to Didactics & Rotations*, 2009-present. Given to UC and VA Addiction Fellows
- *Detoxification from non-nicotine drugs*. Given to UC Psychiatry Residents.
- *Careers in Addiction Psychiatry/Addiction Medicine*. Given to UC Psychiatry Residents.
- *Neurobiology of addiction disorders*, 2009-present. Given to UC Psychiatry Residents
- *Evolution of addiction treatment, concepts, methods, and stigma*. Given to UC psychiatry residents, 2009–present
- *Risk & protective factors for relapse*. Given to UC psychiatry residents, 2009-present
- *Getting started: History gathering, treatment planning, ASAM Patient Placement Criteria*. Given to UC psychiatry residents, 2009-present
- *Overview of Addiction Psychotherapies*. Given to UC psychiatry residents, 2009
- *Diagnostic and Statistical Manual: Issues for addiction psychiatry practice*. Given to UC psychiatry residents, 2008
- *Harm Reduction*, 2008. Given to UC Addiction Medicine Fellow
- *Relapse Prevention*, 2007. Given to UC Addiction Medicine Fellow
- *Addiction Rehabilitation*, 2007. Given to UC Addiction Medicine Fellow
- *Dissociatives, Hallucinogens*, 2007. Given to UC Addiction Medicine Fellow
- *Inhalants, & Steroids*, 2007. Given to UC Addiction Medicine Fellow
- *Dissociatives, Hallucinogens*, Monthly Clinical Case Conference series. 2006-present. Given to UC 3<sup>rd</sup>-Year Medical Students
- *Levels of Addiction Services Care: ASAM Patient Placement Criteria, 2006-7*. Given to UC Psychiatry Residents
- *Neurobiology Series: Reward & Addiction Circuitry*, 2 lectures, 2006. Given to WSU PGY3 Psychiatry Residents
- *Child and Adolescent Substance Abuse*, 2004. Given to WSU Child & Adolescent Psychiatry Fellows

- *Addiction Psychiatry, a series of 9 lectures, 2004-6.* Given to WSU PGY1 Psychiatry residents
- *The DoD GME Selection Board: how to navigate your career successfully.* Given to USAF Psychiatry Residents, 2004
- *Street drugs, 2003.* Given to WSU 2<sup>nd</sup> year medical students
- *Neurobiology of addiction disorders, Motivational enhancement therapy and stages of change, Drug testing, Hallucinogens & dissociative anesthetics, 2002-3.* Given to WSU PGY I and PGYIV psychiatry residents
- *Pharmacotherapy, patient panel, 1996-2001.* Given at NCA US Navy Intern Annual Addictions Conference, Washington, DC.
- **Co-Course Director**, Basic Psychiatry, NCA Psychiatry Residency, 1997-8
- *Addiction disorders (3 varying topics), 1999-2000.* Given to NCA psychiatry PGY2's
- *Psychotic disorders (3 varying lectures), 1999.* Given to NCA psychiatry PGY2's
- *Anxiety disorders (5 varying lectures), 1999.* Given to NCA psychiatry PGY2's
- *Neurobiology of psychotic disorders (3 varying lectures), 1997.* Given to NCA psychiatry PGY2's
- *Pharmacokinetics and pharmacodynamics, 1997-2000.* Given to NCA psychiatry PGY2's
- Small Groups Leader (MSII), 1996-8, Uniformed Services University
- *Introduction to the medical work-up of patients, 1996.* Given to NCA psychiatry PGY2's
- *Neurobiology of anxiety disorders (3 lecture series), 1996-7.* Given to NCA psychiatry PGY2's
- Small Groups leader (MSII), Behavioral Science program, 1995-6, WSU
- *Clerkship responsibilities, Biological therapies for mental disorders, Psychotherapies: basic theoretical principles and techniques, Child and adolescent psychiatry, Somatoform and factitious disorders.* Given to MSIII, WSU Clerkship rotation lectures.

#### *Presentations*

##### International

- Whitehead CR, Webb TS, Wells TS, **Miller SC**, Eicher TJ, Otte CN, Baktash SH, Gore RK, Maynard C, Boyko EJ, Burnham BR, Kemp, for the Millennium Cohort Study Team. Military attrition and promotion after mild traumatic brain injury (mTBI) (poster presentation). 1<sup>st</sup> Annual Armed Forces Public Health Conference. Hampton, VA. 2011 March 18-25.
- **Miller SC**. Journal of Addiction Medicine. Given at International Society of Addiction Journal Editors annual meeting, Bar Harbor, Maine, USA; 2008
- **Miller SC**. Hallucinogens, Dissociatives, Steroids, and Inhalants. Given at Review Course in Addiction Medicine, American Society of Addiction Medicine, Toronto, Ontario, Canada; 2004

National

- **Miller SC**, Webb T. Risk for addiction-related disorders following mild traumatic brain injury among a large cohort of U.S. active duty Airmen. Given at State of the Art Course in Addiction Medicine, American Society of Addiction Medicine, Washington, DC; 2011 October.
- Khalsa J, **Miller SC** (Moderators, Discussants). TBD. Given at State of the Art in Course in Addiction Medicine, American Society of Addiction Medicine, Washington, DC; 2011 October.
- **Miller SC**. Prescription opioid use disorder and risk mitigation. Given at 2011 CeTREAD/UC Health Addiction Update. 2011 September 23.
- **Miller SC**, Webb T. Risk for addiction-related disorders following mild traumatic brain injury among a large cohort of U.S. active duty Airmen. Given at 2011 CeTREAD/UC Health Addiction Update. 2011 September 23.
- **Miller SC**. Hallucinogens, Dissociatives, Steroids, and Inhalants. Given at Review Course in Addiction Medicine, American Society of Addiction Medicine, Chicago, Ill; 2010 (>500 addiction physicians in audience)
- Nguyen T, **Miller SC**. Preparing for the certification examination for the American Board of Addiction Medicine. Given at Review Course in Addiction Medicine, American Society of Addiction Medicine, Chicago, Ill; 2010
- Webb T, Whitehead CR, Wells TS, Gore RK, Eicher TJ, **Miller SC**, Baktash SH, Otte CN, Maynard C, Boyko E, Burnham BR, Kemp PA for the Millennium Cohort Study Team. Sequelae of Mild Traumatic Brain Injury in a US Military Cohort (poster presentation). 2010 Force Health Protection Conference. Phoenix, AZ. 2010 August 9-13.
- **Miller SC**. Relapse Risk Stratification. 1<sup>st</sup> Annual UC Health Addiction Update, University of Cincinnati, 2010 March.
- Whitehead CR, Webb TS, Wells TS, Baktash SH, Eicher TJ, **Miller SC**, Otte CN, Fortuna SO, Gore RK, Maynard C, Boyko EJ, Burnham BR, Kemp P for

the Millennium Cohort Study Team. Risk for Subsequent Mishaps among Airmen with Mild Traumatic Brain Injury (poster presentation). The Ohio State University's Injury Biomechanics Research Labs' 6<sup>th</sup> Annual Symposium. 2010 May 16-18.

- **Miller SC.** Hallucinogens, Dissociatives, Steroids, and Inhalants. Given at Review Course in Addiction Medicine, American Society of Addiction Medicine, Chicago, Ill; 2008
- Stein JB, **Miller SC** (Moderators, Discussants). Experimental Paradigms and Individual Predictors of Outcome. Given at State of the Art Course in Addiction Medicine, American Society of Addiction Medicine, Washington, DC; 2007
- **Miller SC:** Alcohol Use Disorders, Brain Addiction Circuitry, and Pharmacotherapies. Grand rounds (psychiatry), University of Texas at San Antonio (UTSA) and broadcasted live to San Antonio State Hospital, the Regional Academic Health Center (Harlington, TX), the School of Aerospace Medicine (Brooks Air Force Base), Brooke Army Medical Center, and Wilford Hall USAF Medical Center, San Antonio, Texas; 2006
- **Miller SC.** Hallucinogens, Dissociatives, Steroids, and Inhalants. Given at Review Course in Addiction Medicine, American Society of Addiction Medicine, Chicago, Ill.; 2006
- **Miller SC.** Brain Research and Combatant Effectiveness: New Opportunities for the Department of Defense. United States Air Force Research Lab. WPAFB, Dayton, Ohio and Brooks Air Force Base, Texas (live, via video-conferencing); 2006
- **Miller SC,** Kennedy N (Moderators, Case Presentation, Panel Discussants). Terror, Trauma, and Addiction. Given at State of the Art in Addiction Medicine, American Society of Addiction Medicine, Washington, DC; 2003
- **Miller SC,** Salsitz E, Payte T. Clinical case panel discussion. Given at Review Course in Addiction Medicine, American Society of Addiction Medicine, Chicago, Illinois; 2002
- **Miller SC,** Salsitz E, Weirs C. What to expect of the certification exam. Given at Review Course in Addiction Medicine, American Society of Addiction Medicine, Chicago, Illinois; 2002
- **Miller SC,** Salsitz E, Weirs C, Haynes T. A report on credentialing: the status of certification and ABMS recognition of Addiction Medicine. Given at Review Course in Addiction Medicine, American Society of Addiction Medicine, Chicago, Illinois; 2002
- **Miller SC.** Practice Guidelines for Substance Use Disorders (poster presentation). Future Leaders in Psychiatry. Emory University School of Medicine/Janssen Pharmaceutica, Miami, Florida; 2002

- Kivlahan D, McNicholas LF, **Miller SC**, Suchinsky R, Willenbring M. Evidence-based treatment for substance use disorders. Nationally televised live/interactive broadcast. St Louis (MO): Departments of Veterans Health Affairs and Department of Defense; 2001
- Bobo WV, **Miller SC**. The abuse liability of dextromethorphan. Noon conference. Substance Abuse and Mental Health Services Administration (SAMHSA), Washington, DC; 2001
- Bobo WV, **Miller SC**. The abuse liability of dextromethorphan. Grand rounds (psychiatry), Walter Reed Army Medical Center, Washington, DC; 2001
- **Miller SC**: Date rape drugs: review and update. Department of Defense/MCIO sex crimes and family violence conference, Andrews Air Force Base, Maryland; 2000
- **Miller SC**: Drug-facilitated sexual assault. Grand rounds (psychiatry), Wilford Hall USAF Medical Center & University of Texas at San Antonio, Lackland Air Force Base/San Antonio, Texas; 2000
- **Miller SC**. Chronic effects of alcohol on human cognition. Grand rounds (psychiatry), Walter Reed Army Medical Center, Washington, DC; 1998
- **Miller SC**. USAF mental health services. Department of Defense Tri-Service Medical Law Consultant Course, Washington, DC; 1998-9

#### Local

- **Miller SC**. Risk for addiction-related disorders following mild traumatic brain injury among a large cohort of U.S. active duty Airmen. Given at Grand Rounds, Department of Psychiatry and Behavioral Neuroscience, University of Cincinnati. 2011 October 12.
- **Miller SC**. Why do people continue to use drugs despite bad outcomes? University of Cincinnati College of Law Annual Continuing Legal Education Symposium. College of Law. 2011.
- Holliday M, Wulsin L, Frankowski D, **Miller S**. Grand Rounds, Department of Family Practice, UC and Christ Hospital. Diagnosis and Management of Prescription Opiate Abuse in Primary Care; 2010
- Shah A, **Miller S** (discussant), Eliassen J. Journal Club. *At risk for pathological gambling: imaging neural reward processing under chronic dopamine agonists*. Addiction Sciences Division, University of Cincinnati; 2009
- **Miller SC**. Addiction Disorders: A Primer for Law Students. Indigent Defense Clinic Seminar. University of Cincinnati Law School/Ohio Justice & Policy Center, Cincinnati, OH; 2008

- **Miller SC.** Prevention of Gambling Addiction. United States Air Force Research Lab, WPAFB, Ohio; 2008
- Nguyen T, **Miller S** (discussant). Journal Club. *Topiramate in Alcohol Dependence*. Addiction Sciences Division, University of Cincinnati; 2007
- **Miller SC.** Acamprosate. Cincinnati, OH; 2007
- **Miller SC.** Bridging Research and Clinical Practice: Advancing Treatment for Alcohol dependence. Naltrexone extended release/injectable suspension. Columbia Tusculum, OH; 2006
- **Miller SC.** Bridging Research and Clinical Practice: Advancing Treatment for Alcohol dependence. Naltrexone extended release/injectable suspension. Columbus VA Outpatient Clinics, OH; 2006
- **Miller, SC.** Acamprosate. Dayton, OH; 2006
- **Miller SC.** Bridging Research and Clinical Practice: Advancing Treatment for Alcohol dependence. Naltrexone extended release/injectable suspension. Worthington, OH; 2006
- **Miller SC.** Bridging Research and Clinical Practice: Advancing Treatment for Alcohol dependence. Naltrexone extended release/injectable suspension. Dayton VA Medical Center, OH; 2006
- **Miller, SC.** Alcohol Use Disorders. Dayton, Ohio; 2005
- **Miller, SC.** Alcohol Use Disorders. Norwood, Ohio; 2005
- **Miller SC.** The management of sedative-hypnotic, opioid withdrawal syndromes. Wright Patterson Medical Center Emergency Medicine Department; 2004
- **Miller SC.** The diagnosis and practical neurobiology of addiction. Wright Patterson Medical Center Dental Department; 2004
- **Miller SC,** Young N. Morbidity and Mortality Rounds: a case of alcohol dependence. Wright Patterson USAF Medical Center, WPAFB, Ohio; 2003
- Weaver J, **Miller SC.** Pharmacotherapies for Pathological Gambling Disorder. Wright State University School of Medicine; 2003
- **Miller SC.** Military Mental Health Issues. Military Unique Curriculum, Wright Patterson Medical Center; 2003
- **Miller SC.** Nuts and Bolts of Detoxification Management in the ICU, MSU. Wright Patterson USAF Medical Center, WPAFB, Ohio; 2002

- **Miller SC.** Detoxification. Wright Patterson USAF Medical Center, WPAFB, Ohio; 2002
- **Miller SC.** Deployment. Wright Patterson USAF Medical Center, WPAFB, Ohio; 2002
- **Miller SC.** Raves and club drugs. Grand rounds (psychiatry), Wright State University School of Medicine, Dayton, Ohio; 2001
- **Miller SC.** Drug-facilitated sexual assault. Grand rounds (psychiatry), Wright State University School of Medicine, Dayton, Ohio; 2001
- **Miller SC:** Raves and club drugs. Grand rounds (family practice), Malcolm Grow USAF Medical Center, Andrews Air Force Base, Maryland; 2001
- **Miller SC.** Drug-facilitated sexual assault. Malcolm Grow USAF Medical Center, Andrews Air Force Base, Maryland; 2000
- **Miller SC.** Rohypnol: date rape drug of the 90's. Malcolm Grow USAF Medical Center, Andrews Air Force Base, Maryland; 2000
- **Miller SC.** Intensive Addiction Services and cost analysis. Departmental offsite. Malcolm Grow USAF Medical Center, Andrews Air Force Base, Maryland; 2000
- **Miller SC.** Drug-facilitated sexual assault. Grand rounds (family practice), Malcolm Grow USAF Medical Center, Andrews Air Force Base, Maryland; 2000
- **Miller SC.** Primary care screening and assessment of addiction disorders. Grand rounds (family practice), Malcolm Grow USAF Medical Center, Andrews Air Force Base, Maryland; 2000
- **Miller SC.** Alcoholism. Grand rounds (internal medicine), Malcolm Grow USAF Medical Center, Andrews Air Force Base, Maryland; 1999
- **Miller SC.** Treatment planning. Malcolm Grow USAF Medical Center, Andrews Air Force Base, Maryland; 1999
- **Miller SC.** Closure of inpatient addictions unit: a quality improvement and business case analysis. JCAHO Presentation/Hospital Conference. Malcolm Grow USAF Medical Center, Andrews Air Force Base, Maryland; 1999
- **Miller SC.** Neurobiology of addiction disorders. Malcolm Grow USAF Medical Center, Andrews Air Force Base, Maryland; 1999
- **Miller SC.** Outpatient detoxification. Malcolm Grow USAF Medical Center, Andrews Air Force Base, Maryland; 1999

- **Miller SC.** Chronic effects of alcohol on human cognition. Malcolm Grow USAF Medical Center, Andrews Air Force Base, Maryland; 1998
- **Miller SC.** The development and use of the University of Toronto's narcotic withdrawal assessment tool: CINA. Malcolm Grow USAF Medical Center, Andrews Air Force Base, Maryland; 1996
- **Miller SC.** Substance abuse group therapy -- traditional and interpersonal models. Malcolm Grow USAF Medical Center, Andrews Air Force Base, Maryland; 1996
- **Miller SC.** Methylphenidate for clozaril sedation (poster presentation). Grand rounds (psychiatry), Wright State University School of Medicine, Dayton, Ohio; 1995
- **Miller SC.** Doxycycline induced lithium toxicity (poster presentation). Grand rounds (psychiatry), Wright State University School of Medicine, Dayton, Ohio; 1995

Teaching materials developed

- Wilford B, **Miller SC**, Salsitz E, editors. ASAM Review Course in Addiction Medicine: Study Guide. Chevy Chase, Maryland: The American Society of Addiction Medicine, Inc.; 2004 (CD-ROM)
- Wilford B, **Miller SC**, Salsitz E, editors. ASAM Review Course in Addiction Medicine: Study Guide. Chevy Chase, Maryland: The American Society of Addiction Medicine, Inc.; 2002
- Contributing editor of the *Toad Manual* (orientation book for new medical students) (as a medical student)

**8. RESEARCH**

- Grants and contracts
  - Horton JL, Wells TS, LeardMann CA, Jacobson IG, **Miller SC**, Smith TC; for the Millennium Cohort Study Team. Comparison of the PRIME-MD Patient Health Questionnaire 8 and 9 item scales to assess depression symptoms in a large military cohort. Role: **Co-Investigator**. Funding: Department of Defense (secondary data analysis). 1/11 – present.
  - Wells T (PI), Bagnell M, Smith T, Gackstetter G, **Miller SC**, Boyko E; for the Millennium Cohort Study Team. Posttraumatic Stress Disorder, Depression and Long-Term Occupational Health of US Service Members. Role: **Co-Investigator**. Funding: Department of Defense (secondary data analysis). 1/11 – present.

- Heffner J (PI), Anthenelli RM, et al. (development of anti-smoking therapy for bipolar subjects with nicotine dependence). 2010-present. Role: Data Safety Monitoring Board. Funding: NIDA K23.
- Wells T (PI), Master E, Fortuna S, Gore RK, **Miller SC**, Maynard C, Otte C, et al; for the Millennium Cohort Study Team. Performance of US Air Force Airmen Following Mild Traumatic Brain Injury, Phase II. 2008-2010. Role: **Associate Investigator**. Funding: Department of Defense (secondary data analysis of deployed troop data)
- Anthenelli RM (PI), et. al. Topiramate for nicotine dependence. 2008-2011. Role: Data Safety Monitoring Board. Funding: VA Merit Grant.
- Hermes EDA (PI), Wells TS, Fortuna SO, Gore RK, Smith B, Smith T, **Miller SC**, Gackstetter G. The association between smokeless tobacco use, deployment, military duty, and smoking in the Millennium Cohort Study. Role: **Co-Investigator**. Funding: Department of Defense (secondary data analysis). 4/08 – 2/09.
- Narayan R (PI), et. al. Post Traumatic Stress Disorder/Traumatic Brain Injury Clinical Study Site Award (1 of 10 awarded nationally). Role: **Military Liaison**. Funding: Department of Defense. \$2.4 Million; 7/1/08 – 7/1/13.
- DelBello M (PI), Anthenelli RM, TBD. (XX for bipolar adolescents with alcohol use disorders). 2008-present. Role: Data Safety Monitoring Board. Funding: NIAAA.
- McElroy S (PI), Friedman L. XX in the treatment of binge eating disorder: A single- center, open-label, prospective, flexible-dose study in outpatients. 2007-present. Role: **Co-Investigator**. Funding: (pharmaceutical industry).
- **Miller SC**, et al. (Brain-imaging study using magnetic resonance imaging/MRI modalities to study risk factors for the onset of nicotine addiction). 5/07 – 5/09. Role: **Principal Investigator**. Funding: University of Cincinnati College of Medicine. \$6,500.
- **Miller SC**, et al. (Brain-imaging study using magnetic resonance imaging/MRI modalities to study risk factors for the onset of nicotine addiction). 5/06 – 5/08. Role: **Principal Investigator**. Funding: Boonshoft School of Medicine. \$7,100.
- Peer reviewed articles
  - (in process) **Miller SC**, Frankowski D. Prescription opioid use disorders. Current Psychiatry 2012. (invited)
  - (in process) Wells TS, Webb T, Gore R, **Miller SC**, et al. Risk for mental disorders following mild traumatic brain injury among a large cohort of U.S. active duty Airmen.

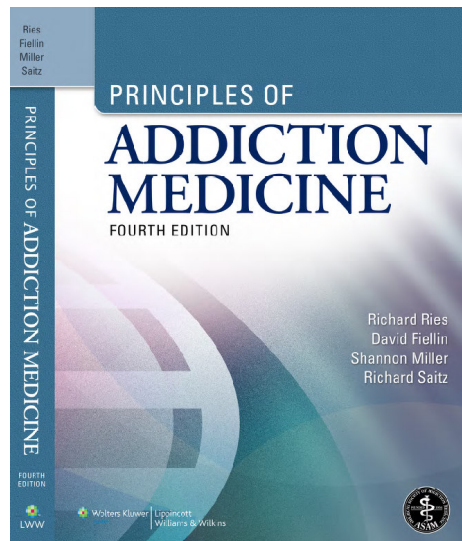
- (completed, pending submission) Wells TS, Bagnell ME, **Miller SC**, Smith TC, Gackstetter GD, Boyko EJ, for the Millennium Cohort Study Team. US Naval and Marine Corps Occupations, Risk for PTSD and Depression and Associated Lost Workdays.
- (completed, pending submission) **Miller SC**, Backtash S, Webb T, Whitehead C, Wells TS, Gore R. Risk for addiction-related disorders following mild traumatic brain injury among a large cohort of U.S. active duty Airmen.
- (completed, pending submission) Smith TC, LeardMann CA, Smith B, Jacobson IG, **Miller SC**, Wells TS, Boyko EJ, Ryan MAK; for the Millennium Cohort Study Team. Temporal Assessment of Mental Disorders, Smoking, and Hazardous Drinking in US Troops Deployed in Support of the Operations in Iraq and Afghanistan.
- (accepted) Hermes EDA, Wells TS, Smith B, Smith TC, Gackstetter GG, **Miller SC**, Boyko EJ, for the Millennium Cohort Study Team. Smokeless Tobacco Use Related to Military Deployment, Cigarettes, and Mental Health Symptoms in a Large, Prospective Cohort Study Among US Service Members. Addiction 2011 Nov 30.
- **Miller SC**. Alcohol Use Disorders: Comorbidity, Cognition, and Pharmacotherapies. Psychiatric Times 2011 June;28(6):36-38. (invited)
- Wells TS, **Miller SC**, Adler AB, Engel CC, Smith TC, Fairbank JA. Mental health impact of the Iraq and Afghanistan conflicts: A review of US research, service provision, and programmatic responses. International Review of Psychiatry 2011 Apr;23(2):144-52.
- **Miller SC**. Dextromethorphan to dextrorphan: a pathway towards abuse liability. Human Psychopharmacology: Clinical and Experimental 2011;26(1):89-90.
- **Miller SC**, Fernandez L, Soria R. Pregnancy and opioid use disorders. Current Psychiatry 2011 March;10(3):34-45. (invited)
- **Miller, SC**. Mnemonic to aid in recalling the core (A, B, C, D, E) DSM-IV-TR criteria (PTSD). Military Medicine 2007 May;172(5):vi-vii. (Official journal, Society of Uniformed Physicians)
- Koob GF, **Miller SC**, Wunsch M. Inaugural Issue of the Journal of Addiction Medicine. Journal of Addiction Medicine 2007 March; 1(1):1. (Official journal, American Society of Addiction Medicine)
- **Miller SC**. Language and Addiction. American Journal of Psychiatry 2006 Nov; 163(11):2015. (Official journal, American Psychiatric Association)
- **Miller SC**. Dextromethorphan psychosis, dependence, and physical withdrawal. Addiction Biology 2005 Dec; 10(4):325-7.

- **Miller SC.** Treatment of dextromethorphan dependence with naltrexone. Addictive Disorders and Their Treatment. 2005 Dec; 4(4):145-8.
- **Miller SC.** Psychiatric effects of ephedra: addiction. American Journal of Psychiatry 2005 Nov; 162(11):2198. (Official journal, American Psychiatric Association)
- Sumitra L, **Miller SC.** Pathological gambling disorder. Postgraduate Medicine 2005 July; 118(1):31-37.
- Bobo WV, **Miller SC**, Martin BD. The abuse liability of dextromethorphan among adolescents: a review. Journal of Child and Adolescent Substance Abuse 2005 Summer;14(4):55-75.
- **Miller SC.** *Coricidin ® HBP Cough and Cold* Addiction. Journal of the American Academy of Child and Adolescent Psychiatry 2005 June; 44(6):509-510. (Official journal, American Academy of Child and Adolescent Psychiatry)
- **Miller SC.** Nicotine Use Disorders. In: Psychiatry board review manual. Hospital Physician 2004 May;8(2):1-11. (invited)
- **Miller SC.** Ephedra and FDA. Psychiatric News 2004 April 2;39(7):66,76.
- **Miller SC.** Safety concerns regarding ephedrine-type alkaloid-containing dietary supplements. Military Medicine 2004 February;169(2):87-93. {first article} (Official journal, Society of Uniformed Physicians)
- **Miller SC**, Waite C. Ephedrine-type alkaloid-containing dietary supplements and substance dependence. Psychosomatics 2003 November - December;44(6):508-511.
- Bobo WV, **Miller SC.** Ketamine as a preferred substance of abuse. American Journal on Addictions 2002 Fall;11(4):332-4. (Official journal, American Academy of Addiction Psychiatry)
- **Miller SC.** Self Assessment in Psychiatry: Substance dependence - review questions. Hospital Physician 2002 July:29-30. (invited)
- Bobo WV, **Miller SC**, Smith CJ. Possible physiologic dependence on dextromethorphan. eWestern Journal of Medicine 2002 May;Vol 176(5).
- **Miller SC**, Brown, J. Alcohol use disorders. In: Psychiatry board review manual. Hospital Physician 2002 May;6(2):2-12. (invited)
- **Miller SC.** Raves and Club Drugs. In: Psychiatry board review manual. Hospital Physician 2002 Feb;7(1):1-12.

- Bobo WV, **Miller SC**. Complicated dual diagnosis: a case for physician involvement in addictions treatment. International Journal of Psychiatry and Medicine 2001; 31:233-5.
- **Miller SC**. Doxycycline-induced lithium toxicity. Journal of Clinical Psychopharmacology 1997 Feb; 17(1):54-5.
- **Miller SC**. Methylphenidate for clozapine sedation. American Journal of Psychiatry 1996 Sept; 153:9:1231-2. (Official journal, American Psychiatric Association)
- Abstracts
  - Wells TS, Smith B, Hermes EDA, Gackstetter GD, Boyko EJ, **Miller SC**, Smith TC, for the Millennium Cohort Study Team. Prospective analysis of smokeless tobacco use and deployment to the wars in Iraq and Afghanistan. Military Force Health Protection Conference. Albuquerque, NM. 2009.
  - **Miller SC**. The neurobiology of dextromethorphan addiction. Neuroplasticity in Health and Disease: Strategies for Recovery. 3<sup>rd</sup> annual Cincinnati Translational Neuroscience Symposium. Cincinnati, OH. 2005.
- Books, Chapters, Technical Reports

Books

- Ries RK, Fiellin D, **Miller SC**, Saitz R, **editors**. Principles of Addiction Medicine. 4th ed. Hagerstown, Maryland: Lippincott, Williams, and Wilkins; 2013.
- Ries RK, Fiellin D, **Miller SC**, Saitz R, **editors**. Principles of Addiction Medicine. 4th ed. Hagerstown, Maryland: Lippincott, Williams, and Wilkins; 2009.
  - Official textbook of ASAM
  - 1,570 pages plus appendices, 223 authors, 279 illustrations
  - Served as Section Lead: Pharmacology, Pain & Addiction, Child & Adolescent. >3,000 copies sold in first year



## Book Chapters

- (invited, in process) Domino EF, **Miller SC**. Dissociatives. In: Ries R, Fiellin D, Miller SC, Saitz R, editors. Principles of Addiction Medicine. 5<sup>th</sup> ed. Hagerstown, Maryland: Lippincott, Williams, and Wilkins.
- Cavacuiti CA (summary author); Domino EF, **Miller SC** (authors). Dissociatives. In: Cavacuiti CA (editor), Principles of Addiction Medicine: the Essentials. Philadelphia, Pennsylvania: Lippincott, Williams, and Wilkins; 2011:69-71.
- Domino EF, **Miller SC**. Dissociatives. In: Ries R, Fiellin D, Miller SC, Saitz R, editors. Principles of Addiction Medicine. 4<sup>th</sup> ed. Hagerstown, Maryland: Lippincott, Williams, and Wilkins; 2009:231-40.
- Bobo WV, **Miller SC**, Jackson J. Dextromethorphan as a drug of abuse. In: Graham AW, Schultz TK, Ries RK, Mayo-Smith M, editors. Principles of Addiction Medicine. 3rd ed. Chevy Chase, Maryland: The American Society of Addiction Medicine, Inc.; 2003:154-5.
- Nasrallah HA, Smeltzer DJ, **Miller SC**. Psychotic disorders. In: Silver JM, Yudofsky SC and Hales RE, editors. Neuropsychiatry of Traumatic Brain Injury. Washington, DC: American Psychiatric Press; 1995:251-84.

## Technical Reports

- The Management of Opioid Therapy for Chronic Pain Working Group. Clinical Practice Guideline for the Management of Opioid Therapy for Chronic Pain – first revision. Veterans Health Administration and Department of Defense, Version 2.0, 2010.
- Caraballo P, Flynn J, Goodman F, **Miller SC**, Rosenberg J, Willenbring M, et al, editors/authors. Clinical Practice Guideline for the Management of Opioid Therapy for Chronic Pain. Veterans Health Administration and Department of Defense, 2003 March.
- Provided significant input to re-publishing of Air Force Instruction 48-123: Medical Examinations and Standards. Jan 2002.
- Kivlahan D, McNicholas LF, Willenbring M (Lead Editors/Authors for the Department of Veterans Affairs); **Miller SC (Lead Editor, Author for the Department of Defense)**; Susskind O, et al. Clinical Practice Guideline for the Management of Substance Use Disorders in the Primary Care Setting. Veterans Health Administration and Department of Defense, 2001 April.
- Campise R, **Miller SC**, Bradley EC, Morrow CW, Green DD, Roberts D. Concept of operations for mental health facilities in a deployed setting. Air Force Medical Service, USAF. 1999 October 1.

## 9. OTHER

### a) Articles (non peer reviewed)

- Salsitz EA, **Miller SC**. Perspectives: the language of addiction. American Society of Addiction Medicine News. 2002 November/December;17(6):13.
- Muller C, Lauber S, **Miller S**, LeBegue B. September is national alcohol and drug addiction recovery month. Skywrighter 2002 Sept.
- Lauber S, **Miller S**, LeBegue B. Being a responsible drinker. Skywrighter 2001 Dec 14.
- Bobo WV, **Miller SC**, Jackson J. DM (Dextromethorphan): a store-bought dissociative? American Society of Addiction Medicine News. 2001 July-August;16(4):5.

### b) Reviewer for continuing medical education curricula

- International Doctors in Alcoholics Anonymous (1.5 day conference)

### c) Interviews

- French, Alex. Sports Gambling and Men. GQ Magazine 2008 Jan.
- Schulman, Mathew. Help for parents of teens abusing cough medicines. Health Section. U.S. News & World Report 2007 May 11; online:  
<http://www.usnews.com/usnews/health/articles/070511/11health.cough.htm>
- Williams, Natasha. Returning troops, PTSD, and Addiction. WHIO-TV Channel &. CBS. Dayton, OH. Aired 11 November 2005.
- Mitchell, Kim. Dextromethorphan Addiction. Daily Times. Salisbury, MD. 2005.
- Magnus E. Bad Medicine. Dateline, NBC News. March 26, 2004. Television.
- Burcham L. Convenience store high: how ordinary cough medicine is being abused for its mind-altering effects. [The NCADI Information Reporter, The US Department for Health and Human Services and the Substance Abuse and Mental Health Service's National Clearinghouse for Alcohol and Drug Information website]. June 12, 2001. Available at:  
<http://www.health.org/newsroom/rep/170.aspx>. Accessed December 2, 2004.

### d) Quotations

- Timoshik A. Modern drug addicts risk their lives trying unconventional drugs to get high. Pravda.Ru 2007 Dec 12. Available:  
<http://english.pravda.ru/science/health/102595-0/>. Accessed: 2007 Dec 12.
- DXM/cough medicine: things you need to know. Boise's Drug & Alcohol Strategies. Boise, ID.

- Whitacre, Diana. (Ephedra Dietary Supplements). University of California at Las Angeles (UCLA) Daily Bruin. Las Angeles, CA. 2006 Nov 8.
- West, William F. Attorney: Date-rape drug test negative in lacrosse case. Durham Herald Sun. Raleigh-Durham, NC. 2006 Aug 30.
- Magnus E. Bad Medicine. Dateline, NBC News. Re-Aired nationally on **Cover to Cover**, **CNBC**, January 19, 2005.
- Magnus E. Bad Medicine. [Dateline, NBC News website]. March 27, 2004. Available at: <http://msnbc.msn.com/id/4608341/>. Accessed Dec 2, 2004.
- Language makes a difference. **Addiction Treatment Forum** Spring 2003; 12(2):8.
- “It’s just cough medicine” – think again. [TAADAS (Tennessee Association of Alcohol and Drug Abuse Services) website]. Available at: <http://www.taadas.org/factsheets/DXM.htm>. Accessed Dec 2, 2004.

## 10. FORENSIC ADDICTION MEDICINE CONSULTATIONS

**Opinion admitted in court as an “expert” in** Psychiatry, Addiction Medicine, and Drug Testing, as well as a variety of sub-topics such as Pathological Gambling Disorder, Cough Medicine Abuse, Tobacco, etc.

CIVILIAN COURTS – consulted for multiple cases by both sides of the bar in most of the U.S. 50 states as well as Europe involving a variety of issues:

- accidental death
- assault
- biology of addiction
- bipolar disorder
- cognitive effects of alcohol, methamphetamine
- competency
- class-action suit
- child custody
- date-rape drugs
- death penalty
- detoxification
- disability
- disorderly conduct
- drug testing
- failure to control vehicle
- hair testing
- homicide (triple)
- insurance/life
- insurance/reimbursement
- intoxication
- life-expectancy (impact of addiction on)
- mail fraud
- motor vehicle accident
- operating vehicle while intoxicated
- pain (chronic)
- parental rights
- physician impairment
- police brutality
- pornography
- prescription medication abuse
- public intoxication
- rape
- rehabilitation
- robbery
- suicide
- tolerance
- vehicular homicide
- withdrawal
- wrongful death

MILITARY COURTS – consulted for multiple cases on both sides of the bar as well as the USAF Office of Special Investigations (OSI), including VIP's, Generals, and Chief Master Sergeants in many of the U.S. 50 states as well as Europe on issues relating to:

... issues have involved:

- amnesia
- blackouts
- creating a disturbance
- date rape drugs
- frontal-lobe
- larceny
- murder
- pain – chronic
- public intoxication
- public nudity
- sexual assault
- shoplifting
- rape
- toxicology
- violence

As well as for a wide array of drugs of abuse:

- alcohol
- amphetamine
- barbiturates
- benzodiazepines
- buprenorphine
- cannabis
- cocaine
- cough medicine
- ecstasy (MDMA)
- ephedra
- gambling addiction
- GHB
- inhalants
- ketamine
- lysergic acid (LSD)
- methamphetamine
- mushrooms
- nicotine/tobacco
- opiates; heroin, methadone, OxyContin
- PCP
- psilocybin
- sexual addiction

## 11. PERSONAL

- Long-distance running
- Gardening
- Sightseeing
- Spending time with the family