

**University of California, San Francisco**  
**CURRICULUM VITAE**

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**Position:** Associate Professor In Residence, Step 2  
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**EDUCATION**

1981 - 1985	Brown University	B.S.	Sigma Xi, Neuroscience
1989 - 1994	Stanford University School of Medicine	M.D	Medicine
1994 - 1995	University of California, San Francisco	Intern	Medicine
1995 - 1997	University of California, San Francisco	Resident	Medicine
1997 - 2000	University of California, San Francisco	Fellow	Center for AIDS Prevention Studies
1998 - 1998	University of California, Berkeley	MPH	Epidemiology

**LICENSES, CERTIFICATION**

1996	Medical licensure, California (A60389)
1997	Board Certification, Internal Medicine (180510)
2007	Board Re-Certification, Internal Medicine (180510)
2008	Drug Enforcement Agency Registration (BS4946236)

**PRINCIPAL POSITIONS HELD**

2000 - 2003	University of California, San Francisco	Asst. Adj. Professor	Family Community Medicine
2003 - 2009	University of California, San Francisco	Asst. Adj. Professor	Medicine
2003 - present	San Francisco VA Medical Center	Staff Physician	General Internal Medicine
2007 - present	Integrated Care Clinic OEF/OIF Veterans	Director	SFVAMC
2009 - present	University of California, San Francisco	Associate Professor	Medicine & Psychiatry
2011 - present	San Francisco VA Medical Center	Assoc. Director	HSR&D Research Enhancement Award Program

**OTHER POSITIONS HELD CONCURRENTLY**

1985 - 1989	United States Peace Corps	High School Teacher, Western Samoa
1989 - 1989	Save the Children	HIV Educator, Thailand
1991 - 1992	Stanford University	Graduate Teaching Assistant, Health Policy
1996 - 2003	Tom Waddell Homeless Clinic	Staff Physician
2000 - 2003	SFGH Family Practice Service	Staff Physician

**HONORS AND AWARDS**

1985	Sigma Xi Scientific Honor Society
1991	Peninsula Community Scholar's Award for Community Service
2003	UCSF Faculty Career Development Award
2003	Hellman Award for Junior Faculty
2003	VA HSR&D Career Development Award
2006	Plenary Address, Society for General Internal Medicine National Meeting

- 2007 VA HSR&D Career Development Transition Award
- 2010 UCSF Excellence in Teaching Award in Medical Education
- 2011 Invited testimony to the House of Representatives Committee on Veterans Affairs: "Mental Health: Bridging the Gap between Care and Compensation for Veterans", Washington, DC, June 14, 2011
- 2011 Invited testimony to the Government Accountability Office (GAO) on barriers to mental health treatment in Iraq and Afghanistan Veterans
- 2012 Election to the VA Pain Health Executive Committee Workgroup

**KEYWORDS/AREAS OF INTEREST**

Mental health, substance use disorders, posttraumatic stress disorder, war-related injury, traumatic brain injury, behavioral interventions, high-risk behaviors, vulnerable populations

**PROFESSIONAL ACTIVITIES**

**PROFESSIONAL ORGANIZATIONS**

Memberships

- 2010 - 2010 Academy of Medical Educators, UCSF
- 2005 - present Society for General Internal Medicine
- 2007 - 2007 American College of Physicians
- 2008 - present International Society for Traumatic Stress Studies

**SERVICE TO PROFESSIONAL PUBLICATIONS**

- 2000 - present Ad hoc referee for JAMA, Addiction, Hepatology, American Journal of Public Health, Journal of Urban Health, Drug and Alcohol Dependence, Journal of Traumatic Stress, Journal of General Internal Medicine, Psychiatric Services, American Journal of Psychiatry

**INVITED PRESENTATIONS**

INTERNATIONAL

- 2009 Two invited talks at an international PTSD conference, 10/18-10/23, 2009, Haifa University (Jerusalem, Israel).
- 2010 Invited presentation on Motivational Interviewing for treatment engagement of combat veterans with PTSD. International Society for Trauma Stress Studies, 26th

Annual Meeting, November 5, 2010. (Montreal, Canada)

- 2010 Discussant for symposium on PTSD and women's health. International Society for Trauma Stress Studies, 26th Annual Meeting. November 4, 2010. (Montreal, Canada)

#### NATIONAL

- 2003 Grand Rounds, "Beyond HIV—Hepatitis and Heroin Overdose among Street-Recruited Injection Drug Users," Yale School of Public Health and Epidemiology, April 22, 2003.
- 2005 VA Hepatitis C Resource Center Symposium on HIV-HCV Co-Infection in Drug Users, Chicago, IL. July, 19, 2005 (panel).
- 2008 VA National Conference Call. April, 10, 2008 (panel).
- 2008 VA Integrated Care Conference, Seattle WA, August 8-11, 2008 (two invited talks).
- 2009 mTBI and Pain Consensus Conference. Washington, D.C., June 1-2, 2009 (invited talk).
- 2010 Grand Rounds, New York University School of Medicine, June 3, 2010 (invited talk).
- 2010 Academy Health Annual Research Meeting. Boston, MA, June 27-29, 2010 (invited talk).
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- 2010 The Third Annual Trauma Spectrum Conference for the Defense Centers of Excellence for Psychological Health and Traumatic Brain Injury (DCoE). Bethesda, MD, December 7-8, 2010.

PTSD Mentoring Program Cyberseminar, "PTSD and Chronic Pain-Treatment Considerations", Nov 21, 2012.

National Center for PTSD, Boston VA, "PTSD and Chronic Pain-Underlying Etiologies and Management Considerations", Dec 4, 2012.

#### REGIONAL AND OTHER INVITED PRESENTATIONS

Featured presentation, Palo Alto VA Center for Health Care Evaluation

- 2005 Grand Rounds, San Francisco VA Medical Center

- 2005 Grand Rounds, San Francisco General Hospital
- 2006 Research Week presentation, San Francisco VA Medical Center
- 2007 Iraq War Teach-In presentation, University of California, San Francisco
- 2007 National Suicide Prevention Day presentation, San Francisco VA Medical Center
- 2007 UCSF Department of Psychiatry CME lecture.
- 2008 Regional Conference on the Care of Combat Veterans, sponsored by the San Francisco Department of Public Health
- 2008 Brain at War Conference- San Francisco VA Medical Center
- 2008 Fromm Institute, University of San Francisco, October 29, 2008.
- 2009 Two separate talks. Palo Alto, VA. Jan 5, 2009.
- 2009 Research Grand Rounds, SFVAMC, Jan 26, 2009.
- 2009 Stanford University Human Biology Program lecture series, March 5, 2009.
- 2009 Brain at War Conference- San Francisco VA Medical Center, May 26, 2009.
- 2009 Presentation to the Honorable Eric Shinseki, Secretary of the VA, San Francisco VA Medical Center, June 23, 2009.
- 2010 Research Grand Rounds, SFVAMC, Feb 2, 2010.
  
- 2012 Featured talk, Cognitive Impairment, Aggression, and Impulsivity in Iraq and Afghanistan Veterans: Association with TBI, PTSD, or Both? Palo Alto VA Center for Health Care Evaluation, March 6, 2012

**GOVERNMENT AND OTHER PROFESSIONAL SERVICE**

- 2005 - present VA HSR&D Center for Health Care Evaluation
- 2007 - present VA National Substance Use Disorders- PTSD Task Force member
- 2008 - National OEF/OIF Community of Practice Task Force

- 2008 - Invited member of the Consensus Conference: Practice Recommendations for Treatment of Veterans with Comorbid TBI, Pain, and PTSD, Washington D.C.
- 2009 - present Department of Veterans Affairs, CSR&D Grant Review Study Section Member
- 2011 - Invited member, VA/DoD PTSD Toolkit Development Workgroup, Washington, D.C.
- 2011 - Testimony to the United States Government Accountability Office (GAO) on barriers to mental health treatment in Iraq and Afghanistan Veterans
- 2011 - Testimony to United States Congress House of Representatives Committee on Veterans Affairs: “Mental Health: Bridging the Gap between Care and Compensation for Veterans”, Washington, DC, Jun 14, 2011
- 2012 - present VA/DoD Health Executive Council Subgroup Member: Pain Management in Returning Combat Veterans

## **UNIVERSITY AND PUBLIC SERVICE**

### **UNIVERSITY SERVICE**

#### UCSF CAMPUS-WIDE

- 2003 - present VA HSR&D Research Enhancement Award Program
- 2005 - present VA Neuroscience Center for Excellence, SFVAMC
- 2005 - 2006 SFVAMC Research and Development IRB Sub-Committee
- 2007 - present UCSF Iraq Action Group
- 2007 - 2008 SFVAMC Operations Enduring Freedom/Operations Iraqi Freedom Veterans Steering Committee
- 2007 - present SFVAMC and VA Martinez Posttraumatic Stress Disorder/Traumatic Brain Injury Working Group
- 2010 - present Voting Member, VA Research and Development Committee
- 2011 - present Associate Director, HSR&D Research Enhancement Award Program, SFVAMC

## **PUBLIC SERVICE**

- 2000 - 2000 Hepatitis C Consortium Task Force, San Francisco Department of Public Health
- 2001 - 2001 Task Force on Office-Based Options for Addiction Therapy [OBOAT], San Francisco Department of Public Health
- 2002 - present Physicians for a National Health Program
- 2002 - 2003 National Harm Reduction Coalition
- 2003 - present California Physicians Alliance
- 2005 - present Disaster Medical Volunteer Program, Department of Public Health, Marin County.
- 2007 - 2007 Contributed to President Barack Obama's position statement on veterans' mental health
- 2010 - 2010 Member of a Campaign for Measure A to end overcrowding in public schools [Ross Valley School District]

## **RESEARCH AND CREATIVE ACTIVITIES**

### **RESEARCH AWARDS**

W81XWH-09-1-0170 (Seal, PI)

02/09-03/13

Department of Defense

#### **Online PTSD Diagnosis and Treatment Training for Primary Care Physicians**

**Project Goals:** We will develop and pilot test an innovative on-line PTSD curriculum for primary care providers in order to increase knowledge and self-efficacy regarding detection and treatment of PTSD symptoms.

SDR-08-408 (Seal, PI)

10/10-09/14

VA Health Services Research and Development Merit Award

#### **Neuropsychological Screening of OEF/OIF Veterans in VA Primary Care**

**Project Goals:** The main aim is to investigate the extent to which the VA TBI screen fails to correctly identify the source of cognitive dysfunction and other postconcussive symptoms, limiting VA clinicians' ability to triage and provide targeted services for OEF/OIF veterans. We will test a novel system of identifying veterans with cognitive impairment in primary care.

W-81-XWH-05-2-0095 (Seal, PI)

11/11-10/13

Department of Defense

**Enhancing Cognitive Function and Reintegration in Iraq and Afghanistan Veterans with PTSD Using Computer-Based Cognitive Training**

**Project Goals:** The primary aim is to assess change in cognitive function in OEF/OIF veterans with PTSD who participate in a pilot randomized controlled trial of computer-based cognitive remediation games vs an attention control. In addition, we will assess change in functioning, quality of life, and reintegration.

W81XWH-05-2-0094 (Maguen, PI)

09/08-01/13

DoD Neuroscience Center of Excellence

**Disentangling the Relationship between Traumatic Brain Injury, Posttraumatic Stress Disorder, and Other Mental Health Disorders in Iraq and Afghanistan Veterans**

**Project's Goals:** The major goal is to better understand the relationship between TBI, PTSD, and other mental health disorders. The specific aims are to determine the associations and distinguishing features among positive screens for TBI, PTSD, and comorbid disorders.

Department of Veterans Affairs (Seal, PI)

10/12 – 9/13

**TBI Educational Videos to Improve VA TBI Screening**

**Project's Goals:** The main aim of this study is to develop, implement, and test TBI educational videos for Iraq and Afghanistan veterans after they undergo TBI screening in VA primary care with the goal of mitigating misconceptions about TBI and promoting appropriate use of VA health services.

W81XWH-11-2-0145 (Batki, PI)

07/12 – 06/14

Department of Defense/Ernest Gallo Clinic & Research Center

**Topiramate Treatment of Hazardous and Harmful Alcohol Use in Veterans with TBI**

**Project Goals:** The goal of this project is to improve the treatment of veterans with traumatic brain injury (TBI) and hazardous or harmful alcohol use.

University of California, San Francisco, REAC Award (Seal, PI)

01/13-12/13

**Motivational Interviewing to Improve Safety in Opioid Prescribing for Chronic Pain Patients in Primary Care: A Pilot Study**

**Project Goals:** The primary aim of this study is to develop and pilot test a motivational enhancement intervention that can be used to successfully communicate e-recommendations from a computer-based clinical decision support system to improve prescription opioid safety in VA primary care patients.

**Pending (Approved)**

VA Patient Safety Center of Inquiry (Midboe, PI)

10/12-90/14

**Promoting Patient Safety through Improved Tools for Opioid Prescribing**



**Project Goals:** The primary aim of this project is to further develop the computer-based ATHENA-OT clinical decision support system for use in primary care clinics to improve the safety of patients who receive opioid therapy and reduce related risks. Dr. Seal will be the site PI at SFVAMC.

**Completed Research Support (past 5 years):**

PT-075369 (Seal, PI)

09/08-12/11

Congressionally Directed Medical Research Program (CDMRP)

**Does Integrating Primary Care and Mental Health Services Improve Mental Health Services Utilization, Symptoms, and Functioning among OEF/OIF Veterans**

3256236 (Seal, PI)

09/09-11/11

Blue Shield of California Foundation

**Intimate Partner Violence in Iraq and Afghanistan Veterans: Assessing Prevalence and Interventions for Early Identification and Enhancement of Treatment Engagement**

MN078889-01 (Seal, PI)

07/07-10/10

VA CSR&D MERIT

**Motivational Interviewing to Engage OEF/OIF Veterans in Mental Health Treatment**

PT-073238 (Seal, PI)

09/08-08/10

Congressionally Directed Medical Research Program (CDMRP)

**Integrating Mental Health and Primary Care Services for OEF/OIF Combat Veterans with PTSD and Co-Morbid Disorders: Assessing the Evidence**

W81XWH-05-2-0094 (Seal, PI)

09/06-08/09

Department of Defense

**The Neuropsychiatric Consequences of War among Veterans Returning from Combat in Iraq and Afghanistan**

VA Career Development Transition Award (Seal, PI)

02/07-02/09

Department of Veterans Affairs

**Facilitating Mental Health Treatment for OEF/OIF Veterans**

**PEER REVIEWED PUBLICATIONS**

1. Bluthenthal RN, Kral AH, Gee L, Lorvick J, Moore LD, Seal KH, Edlin BR. Trends in HIV seroprevalence and risk among gay and bisexual men who inject drugs in San Francisco, 1988 to 2000. *Journal of Acquired Immune Deficiency Syndromes*. 28: 264-269, 2001. PMID: 11694834.

2. **Seal KH** and Mutha S. Enhancing faculty mentoring of medical students. *Teaching and Learning in Medicine*. 8(3):174-178, 1996.
3. **Seal KH**, Kral AH, Gee L, Moore LD, Bluthenthal RN, Lorvick J, Edlin BR. Predictors and prevention of non-fatal overdose among street-recruited injection heroin users in the San Francisco Bay Area, 1998-1999. *American Journal of Public Health*. 91(11):1842-1846,2001. PMID: 11684613.
4. **Seal KH**, Ochoa K, Hahn JA, Tulskey JP, Shafer K, Moss AR. Risk of hepatitis B infection among young injection drug users in San Francisco: Opportunities for intervention. *Western Journal of Medicine*. 172(1):16-20, 2000. PMID: 10695436.
5. Ochoa K, Hahn JA, **Seal KH**, Moss AR. Overdosing among young injection drug users in San Francisco. *Addict Behav*. 26(3): 453-60, 2001. PMID: 11436937.
6. Lorvick J, Kral AH, **Seal KH**, Gee L, Edlin BR. Prevalence and duration of HCV infection among injection drug users in San Francisco. *American Journal of Public Health*. 91 (1): 46-47, 2001. PMID: 11189823.
7. Edlin BR, **Seal KH**, Lorvick J, Kral AH, Ciccarone DH, Moore LD, Lo B. Is it justifiable to withhold treatment for hepatitis C from illicit drug users? *New England Journal of Medicine*. 34 (3):211-214, 2001. PMID: 11463019.
8. Atkinson J, Edlin BR, Engels EA, **Seal KH**, Kral AH, Whitby D, O'Brien TR. Seroprevalence of human herpesvirus 8 among injection drug users in San Francisco. *Journal of Infectious Dis*. 187(6):974-981, 2003. PMID: 12660944.
10. **Seal KH**, Downing M, Kral AH, Singleton-Banks S, Hammond JP, Lorvick J, Edlin BR. Attitudes about the consequences of prescribing take-home naloxone to injection drug users for the management of heroin overdose: A survey of street-recruited injectors in the San Francisco Bay Area. *Journal of Urban Health*. 80 (2): 291-301, 2003. PMID: 12791805.
11. **Seal KH**, Kral AH, Lorvick, McNeese, A, Gee, L, Edlin BR. A randomized controlled trial of monetary incentives vs. outreach to enhance adherence to the hepatitis B vaccine series among injection drug users. *Drug and Alcohol Dependence*. 71(2): 127-131, 2003. PMID: 12927650.
12. Pfeiffer R, Tanaka Y, Yeo AET, Umemura T, **Seal KH**, Shih JW, Alter HJ, Edlin BR, O'Brien TR . Prevalence of SEN Viruses among injection drug users in the San Francisco Bay Area. *Journal of Infectious Diseases*.188: 13-18, 2003. PMID: 12825166.
13. **Seal KH**, Thawley R, Gee, L, Bamberger, J, Kral, AH, Ciccarone D, Downing M, and Edlin BR. Naloxone distribution and cardiopulmonary resuscitation training for injection drug users to prevent heroin overdose death: A pilot intervention study. *Journal of Urban Health*. 82 (2), 303-11, 2005. PMID: 15872192.
14. Tsui JL, Pletcher MJ, Vittinghoff E, **Seal KH** and Gonzales R. Hepatitis C and hospital outcomes in patients admitted with alcohol-related problems. *Journal of Hepatology* 44(2):262-6, 2006. PMID: 16226823.

15. **Seal KH**, Monto A , Dove L, Shen H, Vittinghoff E, Tracy D, Miller E, Lau E, Darling J, and Wright TL. The association of human immunodeficiency virus infection with spontaneous hepatitis C virus resolution and level of viremia among injection drug users. *Digestive Diseases and Sciences*. Apr 19, 2007. PMID: 17443407.
16. **Seal KH**, Currie SL, Shen H, Anand BS, Bini EJ, Brau N, Jeffers L, and Wright TL. Hepatitis C treatment candidacy and outcomes among 4,318 U.S. veterans with chronic hepatitis C virus infection: Does injection drug use history matter? *Journal of Clinical Gastroenterology* 41(2):199-205, 2007. PMID: 17245220.
17. **Seal, KH**, Bertenthal D, Miner CR, Sen S, Marmar C. Bringing the war back home: mental health disorders among 103,788 us veterans returning from Iraq and Afghanistan seen at VA facilities, *Archives of Internal Medicine*. Mar 12;167 (5):476-82, 2007. PMID: 17353495.
18. **Seal KH**, Bertenthal D, Maguen S, Gima K, Chu A, Marmar CR. Getting beyond 'don't ask, don't tell': an evaluation of VA post-deployment mental health screening of veterans returning from Iraq and Afghanistan. *American Journal of Public Health*. 98(4): 714-20, Apr 2008. PMID: 18309130.
19. Heimer R, Grau LE, Merrill S, Scott G, Marshall PA, Hu Y, **Seal KH**. Hepatitis B virus prevalence and vaccination rates among hispanic injection drug users participating in a vaccination campaign. *Journal of Drug Issues*. 38(1):335-350, 2008. PMID: 18541174.
20. Hu Y, Grau LE, Scott G, **Seal KH**, Marshall PA, Singer M, Heimer R. Economic evaluation of delivering hepatitis B vaccine to injection drug users. *American Journal of Preventive Medicine*. 35 (1):25-32, 2008. PMID: 18541174. PMID: 18541174.
21. **Seal KH**, Maguen S, Bertenthal D, Gima K, Marmar CR. Response to Letter to the Editor by Rona. *American Journal of Public Health*. Sep 2008; 98: 1542 - 1543.
22. Tsui J, Monto A, Tien P, **Seal K**, Whooley MA, Shlipak M. Association of Hepatitis C Virus Seropositivity with Inflammatory Markers and Heart Failure in Persons with Coronary Heart Disease: Data from the Heart and Soul Study. *Journal of Cardiac Failure* 2009; 15:451-456. PMID: 19477406.
23. Beth E. Cohen; Charles Marmar; Li Ren; Daniel Bertenthal; **KH Seal**. Association of Cardiovascular Risk Factors With Mental Health Diagnoses in Iraq and Afghanistan War Veterans Using VA Health Care. *Journal of the American Medical Association*. 2009; 302 (5):489-492. PMID: 19654382.
- Seal KH**, Metzler TJ, Gima K, Bertenthal D, Maguen S, Marmar CR. Trends and risk factors for mental health diagnoses among Iraq and Afghanistan veterans using Department of Veterans Affairs healthcare, 2002-2008. *American Journal of Public Health*. 2009 Sep;99(9):1651-8. PMID: 19608954
24. Maguen S, Metzler TJ, Litz BT, **Seal KH**, Knight SJ, Marmar, CR. The Impact of Killing in War on Mental Health Symptoms and Related Functioning. *Journal of Traumatic Stress*. 2009 Oct; 22(5):435-43. PMID: 19842160.

25. Cohen BE, Kim S, Bertenthal D, Marmar CR, **Seal KH**. Mental health diagnoses and utilization of VA non-mental health medical services among returning Iraq and Afghanistan veterans. *Journal of General Internal Medicine*. 2010 Jan; 25(1):18-24. PMID: 19787409.
26. **Seal KH**, Maguen S, Cohen B, Gima K, Metzler TJ, Ren L, Bertenthal D, Marmar CR. VA mental health services utilization in Iraq and Afghanistan veterans in the first year of receiving new mental health diagnoses. *J Trauma Stress*. 2010 Feb; 23(1): 5-16. PMID: 20146392.
27. Maguen S, Lucenko BA, Reger MA, Gahm GA, Litz BT, **Seal KH**, Knight SJ, Marmar CM. The Impact of Reported Direct and Indirect Killing on Mental Health Symptoms in Iraq War Veterans. *Journal of Traumatic Stress*. 2010 Feb; 23(1): 86-90. PMID: 20104592.
28. Maguen S, Cohen G, Cohen B, **Seal, KH**. The Role of Psychologists in the Care of Iraq and Afghanistan Veterans in Primary Care Settings. *Professional Psychology: Research and Practice*. 2010; 41(2): 135-142.
29. **Seal, KH**. (2010). Afghanistan Veterans in Primary Care Settings. *Professional Psychology: Research and Practice*. 41(2): 135-142.
30. **Seal KH**, Cohen G, Waldrop A, Cohen BE, Maguen S, Ren L. Substance use disorders in Iraq and Afghanistan veterans in VA healthcare, 2001-2010: Implications for screening, diagnosis and treatment. *Drug Alcohol Depend*. 2011 Jul 1; 116(1-3):93-101.
31. **Seal KH**, Cohen G, Bertenthal D, Cohen BE, Maguen S, Daley A. Reducing barriers to mental health and social services for Iraq and Afghanistan veterans: outcomes of an integrated primary care clinic. *J Gen Intern Med*. 2011 Oct; 26(10):1160-7.
32. Maguen S, Cohen B, Ren L, Bosch J, Kimerling R, **Seal K**. Gender Differences in Military Sexual Trauma and Mental Health Diagnoses among Iraq and Afghanistan Veterans with Posttraumatic Stress Disorder. *Womens Health Issues*. 2012 Jan; 22(1):e61-6.
33. Maguen S, Cohen B, Cohen G, Madden E, Bertenthal D, **Seal K**. Gender differences in health service utilization among Iraq and Afghanistan veterans with posttraumatic stress disorder. *J Womens Health (Larchmt)*. 2012 Jun; 21(6):666-73.
34. Maguen S, Madden E, Lau KM, **Seal K**. The impact of head injury mechanism on mental health symptoms in veterans: Do number and type of exposures matter? *J Trauma Stress*. 2012 Feb; 25(1):3-9.
35. Maguen S, Lau KM, Madden E, **Seal K**. Factors associated with completing comprehensive traumatic brain injury evaluation. *Mil Med*. 2012 Jul; 177(7):797-803.
36. **Seal KH**, Shi Y, Cohen G, Cohen BE, Maguen S, Krebs EE, Neylan TC. Association of mental health disorders with prescription opioids and high-risk opioid use in US veterans of Iraq and Afghanistan. *JAMA*. 2012 Mar 7; 307(9):940-7.
37. Maguen S, Cohen B, Cohen G, Madden E, Bertenthal D, **Seal K**. Eating Disorders and Psychiatric Comorbidity among Iraq and Afghanistan Veterans. *Womens Health Issues*. 2012 Jul; 22(4):e403-6.

38. **Seal KH**, Krebs, EE, Neylan, TC. Posttraumatic stress disorder and opioid use among US veterans. Letter in Reply. *JAMA*, 2012 May 30; 307 (23): 2485-6.
39. Spelman, J, Burgo L, Hunt S, **Seal, KH**. Post deployment care for returning combat veterans. *J Gen Intern Med*. 2012 Sep;27(9):1200-9.
40. **Seal KH**, Abadjian L, McCamish N, Shi Y, Tarasovsky T, Weingardt K. A randomized controlled trial of telephone motivational interviewing to enhance mental health treatment engagement in Iraq and Afghanistan veterans. *Gen Hosp Psychiatry*. 2012 Sep; 34(5):450-9.
41. Koenig CJ, Maguen S, Daly A, Cohen C, **Seal KH**. Passing the baton: A grounded practical theory of handoff communication between multidisciplinary providers in two Department of Veterans Affairs outpatient settings. *J Gen Intern Med*. 2012 Aug 7.
42. Maguen S., Madden E., Cohen B., Bertenthal D., **Seal KH (In Press)**. Time to treatment among Iraq and Afghanistan veterans with mental health diagnoses. *Psych Services*.
43. Cohen BE, Maguen S, Bertenthal D, Shi Y, Jacoby V, **Seal KH**. Reproductive and other health outcomes in Iraq and Afghanistan women veterans using VA healthcare: Association with mental health diagnoses. *Women's Health Issues*. 2012 Sep;22 (5):e461-71
44. Jakupcak M, Hoerster, KD, Blais RK, Malte, CA, Hunt SC, **Seal K. (In Press)**. Readiness for change predicts VA mental healthcare utilization among Iraq and Afghanistan War veterans. *J Trauma Stress*.
45. Maguen S, Lau, KM, Madden E, **Seal KH (In Press)**. The relationship of screen-based symptoms for mild traumatic brain injury and mental health problems in Iraq and Afghanistan Veterans: Distinct or overlapping symptoms? *J Rehab Research and Development*.
46. **Grossbard JR.**, Lehavot K, Hoerster KD, **Seal KH**, Jakupcak M, Simpson TS. (*In Press*). Relationships among veteran status, gender and key health indicators in a national young adult sample. *Psychiatric Services*.
47. Maguen S, Lau, KM, Madden E, **Seal KH (In Press)**. Service Utilization among Iraq and Afghanistan Veterans Screening Positive for Traumatic Brain Injury. *Journal of Neurotrauma*.
48. Maguen S, Madden E, Cohen B, Bertenthal B, Neylan T, Talbot L, Grunfeld C, **Seal K (In Press)**. The Relationship between Body Mass Index and Mental Health among Iraq and Afghanistan Veterans. *J Gen Intern Med*.

#### **NON-PEER REVIEWED PUBLICATIONS AND OTHER CREATIVE ACTIVITIES:**

1. **Seal KH**, McCaslin SE, Marmar CR. "Depression in Veterans Returning from Iraq and Afghanistan," HSR&D Forum, VA Health Services Research & Development Service, p.5, May , 2007.

#### **Books and Chapters**

1. **Seal, KH.** Book Chapter: “Mental Health Problems and Treatment Utilization of Iraq and Afghanistan Veterans Enrolled in Department of Veterans Affairs Healthcare” in Future Directions in Post Traumatic Stress Disorder: Prevention, Diagnosis and Treatment, editors Helene Wallach, PhD and Albert Rizzo, PhD, *In Pre*

## ABSTRACTS

1. **Seal KH,** Bertenthal D, Maguen S, Samuelson K, Filanosky C, Vasterling J. “Cognitive Impairment in Iraq and Afghanistan Veterans- More Strongly Associated with TBI or Mental Health Problems?” Symposium for International Society for Trauma Stress Studies, 28<sup>th</sup> Annual Meeting, Los Angeles, CA, November 3-5, 2012.

2. **Seal KH,** Bertenthal D, Maguen S, Samuelson K, Filanosky C, Vasterling J. “Are Memory Problems” Endorsed on the VA TBI Screen More Strongly Associated with TBI or Mental Health Problems in OEF/OIF/OND Veterans?” Abstract accepted to VA Health Services Research and Development Service (HSR&D) and Quality Enhancement Research Initiative National Conference, July 16-19, 2012, National Harbor, MD.

3. **Seal KH.** “Strategies to Improve the Assessment and Management of Trauma, PTSD and Comorbid Conditions in Primary Care” Symposium for International Society for Trauma Stress Studies, 27<sup>th</sup> Annual Meeting, Baltimore, MD, November 3-5, 2011.

4. **Seal, KH,** Cohen G, Cohen, BE, Maguen, S, Bertenthal, B. “Increasing Access to Mental Health Care for Iraq and Afghanistan Veterans: Outcomes of Embedding PTSD Psychologists in Primary Care” International Society for Trauma Stress

5. Koenig CJ, Cohen G, Daley A, Maguen S, **Seal KH.** “Clinicians’ perspectives on integrating mental health within primary care: A qualitative study. International Society for Trauma Stress Studies, 27<sup>th</sup> Annual Meeting, Baltimore, MD, November 3-5, 2011.

6. Samuelson K; Choucroun G; Medina E, **Seal, KH.** “Online PTSD Training for Primary Care Providers (PCPs): Can PCPs Learn to Improve Detection, Management and Referral for PTSD?” International Society for Trauma Stress Studies, 27<sup>th</sup> Annual Meeting, Baltimore, MD, November 3-5, 2011.

7. **Seal, KH,** Shi, Y, Cohen, G, Cohen, BE, Maguen, S, Krebs, E, Neylan, T. “Association of Mental Health Disorders with Prescription Opioids and High-Risk Opioid Use in Veterans of Iraq and Afghanistan” International Society for Trauma Stress Studies, 27<sup>th</sup> Annual Meeting, Baltimore, MD, November 3-5, 2011.

8. **Seal KH,** Cohen G, Bertenthal D, Cohen B, Maguen S, Daley A. “Integrating Primary Care and Mental Health for OEF/OIF/OND Veterans: Outcomes and Future Directions” Oral presentation at the Society of General Internal Medicine 34<sup>th</sup> Annual Meeting, Phoenix, AZ, May 4-7, 2011.

9. **Seal KH,** Cohen G, Bertenthal D, Cohen B, Maguen S. “Does Integrating Mental Health Services in VA Primary Care Reduce Barriers to Mental Health Care for OEF/OIF Veterans?”

Oral presentation at Teaming Up for High Value Care, VA HSR&D 28<sup>th</sup> National Meeting, National Harbor, MD, February 16-18, 2011.

10. **Seal KH**, McCamish N, Abadjian L, Tarasovsky G, Daley A, Ren L. "A Randomized Controlled Trial of Motivational Interviewing to Improve Mental Health Treatment Engagement and Outcomes in OEF/OIF Veterans." Poster presentation at Teaming Up for High Value Care, VA HSR&D 28<sup>th</sup> National Meeting, National Harbor, MD, February 16-18, 2011.

11. **Seal KH**. "Detecting and Managing Posttraumatic Stress Disorder (PTSD) Symptoms in Primary Care" and "Integrated Primary Care: Models of Mental Health Treatment of Returning Combat Veterans in Primary Care" Part of workshop at the Society of General Internal Medicine 33<sup>rd</sup> Annual Meeting, Minneapolis, MN, April 28- May 1, 2010.

12. **Seal KH**, McCaslin SE, McCamish N, Ren L, Abadjian L, Daley AT. Can Motivational Interviewing Engage Mental health Treatment Engagement in Iraq and Afghanistan Veterans?" Oral presentation at the Society of General Internal Medicine 33<sup>rd</sup> Annual Meeting, Minneapolis, MN, April 28- May 1, 2010.

13. **Seal, KH**; Cohen, G; Shah, R; Maguen, S; Lawhon, D. "Integrated Co-Located Primary Care and Mental Health Services for Iraq and Afghanistan Veterans" Part of a symposium at International Society for Trauma Stress Studies, 25<sup>th</sup> Annual Meeting, Atlanta, GA, November 5-7, 2009.

14. McCaslin SE, Maguen S, Cohen B, Metzler T, **Seal KH**. "Impact of Treatment Engagement on PTSD Symptoms and Functional Impairment" Part of symposium at International Society for Trauma Stress Studies, 25<sup>th</sup> Annual Meeting, Atlanta, GA, November 5-7, 2009.

15. **Seal KH**, Cohen BE, Ren L, Tarasovsky G, Burt M, Abadjian L, Redden N. "High-Risk Alcohol Use and Substance Misuse Among Iraq and Afghanistan Veterans: High Prevalence and Associated Mental Disorders." Poster presentation at Society for General Internal Medicine 31<sup>th</sup> Annual Meeting, Miami, Florida, May 13-16, 2009.

16. **Seal KH**, Maguen S, Cohen BE, Gima K, Metzler TJ, Ren L, Marmar CR. "VA Mental Health Services Utilization in Iraq and Afghanistan Veterans in the First Year of Receiving New Mental Health Diagnoses." Poster presentation at the VA HSR&D National Conference, February 12-13, 2009, Baltimore, MD.

17. **Seal KH**, Metzler TJ, Gima K, Bertenthal D, Maguen S, Marmar CR. The Prevalence and Incidence of Mental Health Disorders Following the US Invasion of Afghanistan and Iraq in over 200,000 New Veterans Utilizing VA Healthcare, 2002-2007. Oral presentation at the VA HSR&D National Conference, February 15, 2008, Baltimore, MD.

18. **Seal KH**, Bertenthal D, Chu A, Gima K, Marmar, C. VA Post-Deployment Screening for Mental Health Disorders among Veterans Returning from Iraq and Afghanistan- Are We Doing a Good Job? Oral presentation at Society for General Internal Medicine 30<sup>th</sup> Annual Meeting, Toronto, Canada, April 25-28, 2007.

19. **Seal KH**, Bertenthal D, Chu A, Gima K, Marmar, C. OEF/OIF Veterans with PTSD are High Utilizers of Non-Mental Health VA Services. Poster presentation at VA HSR&D National Conference, February 23, 2007, Arlington, VA.

20. **Seal KH**, Bertenthal D, Miner CR, Sen S, Marmar C. Mental Health Disorders among 133,984 Veterans of Operations Iraqi Freedom and Enduring Freedom. Plenary Talk at the Society for General Internal Medicine Conference, April, 2006, Los Angeles, California.

21. **Seal KH**, Miner CR, Chu A, Bertenthal D. VA Post-Deployment Screening and Treatment Referral of OEF/OIF Veterans: How Well Are We Doing? Oral presentation at VA HSR&D National Conference, 2006, Arlington, VA.

22. **Seal KH**, Kral AH, Lorvick J, Gee L, Tsui JI, Edlin BR. Among IDUs, interest is high, but access low to HCV anti-viral therapy. Poster presented at 28<sup>th</sup> Annual Meeting, Society for General Internal Medicine, May 2005, New Orleans, LA.

21. **Seal KH**, Currie SL, Shen Hui, Anand B, Jeffers L , Wright TL. Impact of injection drug use on hepatitis C treatment candidacy and outcomes among U.S. veterans. Oral presentation for the National VA HSR&D Annual Conference, February 2005, Baltimore, MD

23. **Seal KH**, Monto A, Dove L, Vittinghoff E, Shen H, Tracy D, Miller E, Wright TL. Determinants of hepatitis C viral RNA levels among a cohort of injection drug users with and without human immunodeficiency virus coinfection. Poster presented at the American Association for the Study of Liver Diseases Annual Meeting. October 2004, Boston. Hepatology, Vol.40 (4), Suppl. 1, 2004.

24. **Seal KH**, Monto A, Dove L, Vittinghoff E, Shen H, Tracy D, Miller E, Wright TL. Factors associated with spontaneous resolution of hepatitis C viremia among injection drug users with and without human immunodeficiency virus coinfection. Poster presented at the American Association for the Study of Liver Diseases Annual Meeting, October 2004, Boston. Hepatology, Vol.40(4), Suppl. 1, 2004.

#### **ADDITIONAL RELEVANT INFORMATION:**

#### **MAJOR MEDIA COVERAGE**

3/12/07 CNN-televised "Thousands of Veterans Return with Mental Illness"  
3/12/07 Time Magazine (on-line), "Casualty of War: Mental Health"  
3/13/07 NBC Nightly News, "Tracking Posttraumatic Stress in Veterans Difficult"  
9/21/07 Press Democrat, "Veterans Affairs Clinic Looking for Troubled Soldiers"  
1/2/08 National Public Radio, "Overdose Rescue Kits Save Lives"  
3/3/08 National Public Radio, "The California Report" "Veterans Mental Health"  
3/16/08 San Francisco Chronicle, Sunday Edition. "Impact of the Iraq War"  
7/16/09 New York Times, "Vets mental health Diagnoses Rising"  
<http://www.nytimes.com/2009/07/17/health/views/17vets.html? r=1>  
7/16/09 Los Angeles Times, "Percentage of Veterans with Mental health Diagnoses Jumps Dramatically" [http://latimesblogs.latimes.com/booster\\_shots/2009/07/veterans-mental-health-veterans-affairs-study-.html](http://latimesblogs.latimes.com/booster_shots/2009/07/veterans-mental-health-veterans-affairs-study-.html)



- 7/17/09 Bloomberg News: <http://www.bloomberg.com/apps/news?pid=20601103&sid=apW.h1OhK3Kk>  
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New Jersey Star-Ledger:  
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- 11/6/09 New York Times, "Stress Beyond Belief"  
[http://www.nytimes.com/2009/11/07/opinion/07herbert.html?\\_r=1&scp=1&sq=karen%20seal&st=cse](http://www.nytimes.com/2009/11/07/opinion/07herbert.html?_r=1&scp=1&sq=karen%20seal&st=cse)
- 02/16/10 BusinessWeek, "PTSD Treatment Still Lacking for Veterans"  
<http://www.businessweek.com/lifestyle/content/healthday/635984.html>
- 02/17/10 Veterans Today, "Top 10 Veterans News from Around the Country"  
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- 02/22/10 AOL News, "Army Faces Surge of Soldiers Hitting the Bottle"  
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- 05/31/10 San Francisco Chronicle, "S.F. Clinic Treats War Stress in New Way"  
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USA Today, <http://yourlife.usatoday.com/health/story/2012-03-06/PTSD-veterans-prone-to-drug-addiction-get-risky-painkillers/53388510/1?csp=34news>

National Public Radio: "*Vets Prone To Drug Addiction Get Risky Painkillers*

Medscape: "*Veterans with Mental Illness More Likely to Receive Opioids*"

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