



# From Fellowship to Faculty

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Salah Qureshi, MD

MIRECC Fellow 2008-2010

Houston

# Clinical Background

- Dow Medical College, Karachi, Pakistan, 1997/98 (Medical School)
- Mount Sinai Medical Center, NYC, NY, 2002-04 (Fellow Human Genetics)
- Jamaica Hospital Medical Center, Jamaica, NY, 2004-08 (Chief Resident Psychiatry)

# Fellowship Aims

- Develop a career in mental health research and academics
- Apply for a career development award
- Advance training in neuropsychiatry
- Get a faculty position at MEDVAMC, Houston

# Research Question

- Dementia
  - Mark Kunik, MD
  - Paul Schulz, MD
- PTSD
  - VA/MIRECC

Is There an Association Between  
PTSD and Dementia?

# Research Team

- Mentors
  - Mark Kunik, MD (Dementia / HSR)
  - Jeff Pyne, MD (PTSD / HSR)
  - Paul Schulz, MD (Dementia)
- Other team members
  - Timothy Kimbrell, MD
  - Kathy Magruder, PhD
  - Teresa Hudson, PharmD
  - Nancy Petersen, PhD
  - Hong Yu, MS

# Systematic Reviews

- The Link Between Post-traumatic Stress Disorder and Physical Comorbidities: A Systematic Review  
*(Qureshi et al, Psychiatric Quarterly, June 2009)*
- Does PTSD Impair Cognition Beyond the Effect of Trauma?: A Systematic Review  
*(Qureshi et al, Journal of Neuropsychiatry and Clinical Neuroscience, Jan. 2011)*

# Increased Prevalence and Incidence of Dementia in Older Veterans with PTSD

*(Qureshi et al, JAGS, September 2010)*

- Retrospective prospective case control study using the VA administrative databases of the South Central United States (VISN 16)
- Older veterans with PTSD had two folds increase in incidence and prevalence of dementia diagnoses when compared to control groups
- This difference remained after accounting for confounding physical illnesses, combat related trauma and number of primary care visits

# CDA Aims

- Examine the rates of missed diagnosis and overdiagnosis of dementia in older patients with PTSD
- Identify barriers and facilitators to accurate dementia detection in older patients with PTSD, using qualitative methods (focus groups)
- Adapt/develop intervention(s) to improve dementia detection in a) older patients with PTSD and b) older patients (with or without PTSD) in primary care clinics

# Education

- Fundamentals of Clinical Investigation (2008)
- Clinical Scientist Training Program Masters Track (2009 – 2011)
  - Biostatistics
  - Health services research
  - Grant writing

# Current Faculty Appointment

- Investigator, VA Health Services Research and Development Center of Excellence, Houston, TX
- Assistant Professor of Psychiatry and Behavioral Sciences, MEDVAMC, Baylor College of Medicine

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- Timothy Kimbrell, MD
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