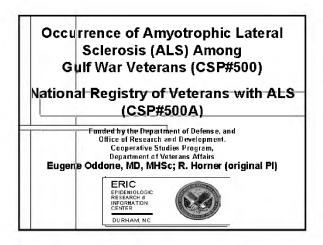
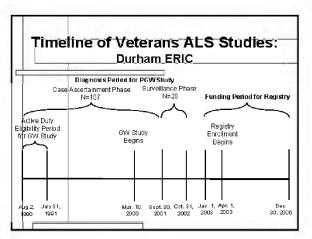
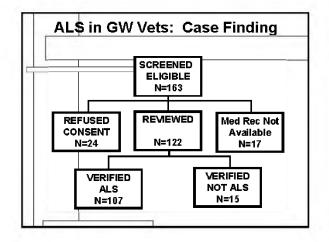
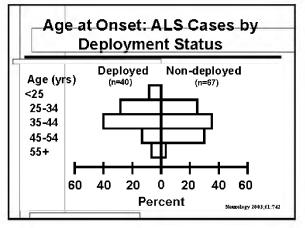
#### **Presentation 11 – Eugene Oddone**

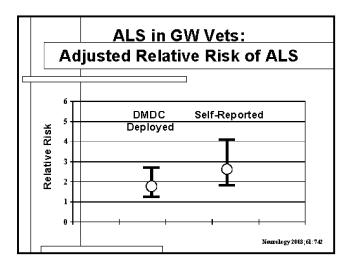


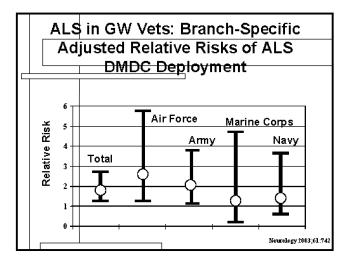


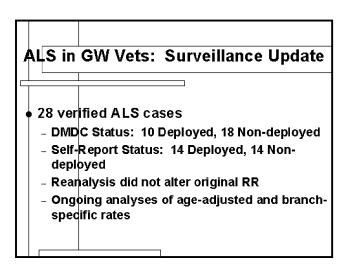


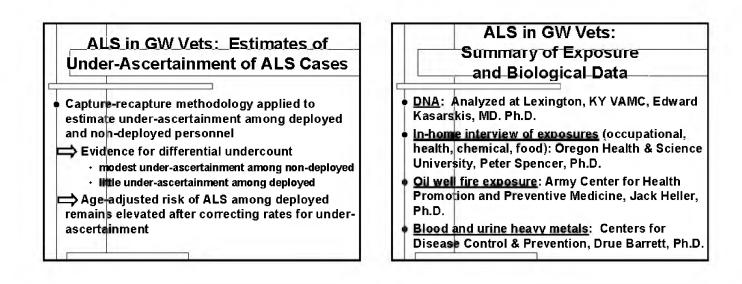


Age-Specific Rates (per 100,000) of ALS by Deployment Status					
	Age at Onset	Men, W. WA State	Non- deployed (n=67)	Deployed (n=40)	
	<25	0.11	0.00	0.08	
	25-34	0.79	0.26	0.45	
	35-44	1.63	0.80	1.77	
	45-54	2.49	4.81	5.64	
	55-64	6.42	8.89	31.19	
			Neurology 2003;61:742		



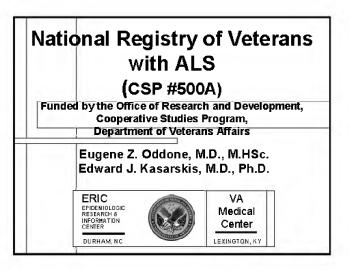


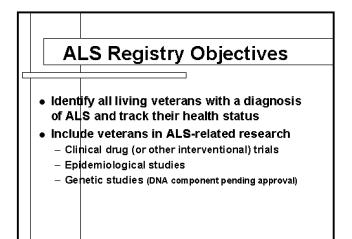




#### ALS in GW Vets : Planned Manuscripts

- Clinical description of cases
- Capture/recapture (under-ascertainment of cases)
- Oil well fire exposure and GIS analysis among deployed veterans
- Incubation period/epidemic curve
- Methodological challenges of investigating a rare disease
- Blood and urine heavy metal analyses





#### Scientific Review Committee: Veterans ALS Registry bhn Booss, MD Kimberly A. Gray, PhD ational Director of Neurology lealth Scientist Administrator Department of Velerans Affairs NIEHS Robert H. Brown, Jr., MD, D.Phill Philip W. Lavori, PhD Director, Day Neuromuscular Research Acting Director, Cooperative Studies Program aboratory Director, DNA Coordinating Center vlassachusettis General Hospital Department of Veteran Affairs lucie Bruijn, PhD Hiroshi Mitsumoto, MD cience Director and Vice President Director, Beanor and Lou Gehrig MDA/ALS Cente Columbia-Presbyterian Medical Center ALS Association Louis D. Fiore, MD, MPH Lorene Nelson, PhD

Stanford University

Margaret Pericak-Vance, PhD

Duke University Medical Center

Director, Center for Human Genetics

Associate Professor of Health Research and Polic

Co-Director, Massachusetts Veterans

Department of Velerans Affairs Ronnie D. Homer PhD

NINDS

pidemiologio Research and Information Center

Program Director Health Disparities Research

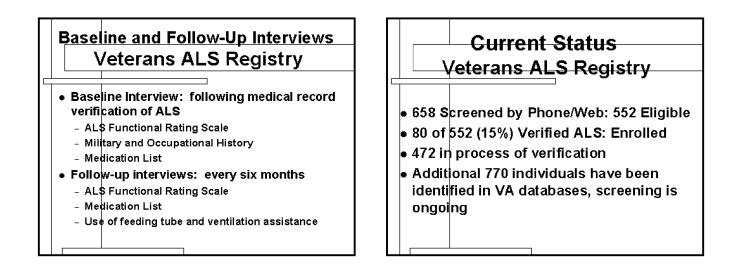
### Identification of Cases Veterans ALS Registry

- Previously identified Gulf War veterans
- Extant VA databases: Inpatient Treatment File (PTF), Outpatient Clinic File (OPC)
  - Based on ICD-9 code for ALS (335.20)
- Referrals from Veterans Benefits Administration
- Ongoing nation-wide solicitation of cases

   ALS Association, VA Neurology Service, Veterans Service Organizations, American Academy of Neurology

# Screening and Case Verification Veterans ALS Registry

- Initial telephone screening to ascertain veteran status and self-report of ALS diagnosis (Durham ERIC)
- Consent, medical record release, and physician contact forms mailed following telephone screening
- Medical records obtained and reviewed by expert neurologists (Lexington and Durham)



# Gulf War Veteran Participants Veterans ALS Registry

- 58 veterans from Gulf War ALS study currently enrolled in Registry - 90% of living/found veterans from original
- Additional 21 veterans have screened eligible for the Registry and also reported being deployed to the Gulf during the Gulf War period
  - Note: These cases not yet verified by medical record review, and deployment status has not been confirmed by military records (self-report only)

