



## 2023 ARMA Awards

### N.G.W. COOK PH.D. DISSERTATION AWARD

#### **Ziyan Li**

“Predicting Induced Seismicity and Permeability Evolution through Laboratory Experiments and Machine Learning Methods”

### CASE HISTORY AWARD

#### **Lauren Reeher, Seth Busetti, Amanda Hughes**

“Field Evidence and Elastic Dislocation Modeling of Stress Field Alteration in the Rock”

### ROCK MECHANICS RESEARCH AWARD

#### **Mengke An, Fengshou Zhang, Derek Elsworth**

“HPHT Fault Gouge Friction Experiments: Implications for Hydraulic Fracturing Induced Seismicity in the Suchan Basin”

### ARMA DISTINGUISHED SERVICE AWARD

**Yanhui Han** (senior level)

**Shahrzad Roshankhah** (junior level)

### PRESIDENTIAL CITATION

**Xuejia Du**, *University of Houston*

**Sheng Mao**, *China University of Petroleum-Beijing*

**ARMA News Team** (Richard Schultz; Wencheng Jin, *Idaho National Laboratory*; Wenzhuo Cao, *Imperial College, London*; Jerjes Porlies Hurtado, *University of North Dakota*; Hui Wu, *Peking University*; and Teeratorn Kadeethum, *Sandia National Laboratory*)