

# Directed Energy Professional Society

## Annual Membership Report

Dr. David Stoudt, President  
28 April 2022



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# Directed Energy Professional Society

- Celebrating 22 years of fostering research, development, & operational transition of Directed Energy technology for national defense and civil applications through professional communication, education and outreach

## Our Goals

- Foster communication within the DE community
- Enhance DE education through scholarships & internships
- Recognize outstanding DE contributions through our Fellows program
- Publish and archive DE achievements (Journal of Directed Energy)
- **Enable DE Outreach through Professional Conferences and Symposia**



# 2020-2022 DE Defense Appropriations

	FY20	FY21	FY22
• US Army	\$118M	\$446M	\$395M
• US Navy	\$243M	\$236M	\$165M
• US Air Force	\$238M	\$214M	\$231M
• Missile Defense Agency	\$116M	\$46M	\$48M
• Joint Intermediate Forces Office	\$48M	\$48M	\$49M
• OSD/DE JTO	\$143M	\$157M	\$150M
• TRMC +DARPA + SOCOM	\$46M	\$59M	\$102M
• <b>Total DE Budget</b>	<b>\$953M</b>	<b>\$1206M</b>	<b>\$1140M</b>



# DEPS Strategic Objectives

- **Restore Fiscal Stability**
  - Complete
- **Increase membership/diversity**
  - Increase in our younger population
  - Increase in gender & ethnic diversity
  - Increase in our military membership
- **Re-establish educational outreach efforts**



# Annual Achievements

- **Awarded \$180k of graduate Scholarships**
  - Thanks to DE JTO and ONR for their support
  - 88% placement rate of scholars into the DE career field
  - Both AFRL/RD and NSWC/DD have actively recruited from the DEPS Scholarship pool
- **Successful conferences in DC (Systems, Oct 21); NM (T&E, Jan 22); & Mobile (S&T, Mar 22)**
  - Classified & Limited Distribution venues sets DEPS apart from other professional societies & commercial conferences
  - Back to In-Person events is welcome!



# DEPS Financial Status

• <b>Cash on hand</b>	<b>Operating Funds</b>	<b>Reserves</b>
• Mar 2021	\$230,580	\$319,790
• Mar 2022	\$295,490	\$378,800
• <b>2021 budget</b>		
• Income	est \$1,265,250	act \$1,383,182
• Expenses	est \$1,176,710	act \$1,280,932
• <b>DEPS Scholarship Fund</b>	\$12,300	Goal \$500,000
• <b>Independent Audits</b>		
• 2020 Audit completed, no significant findings		
• 2021 Audit begun		

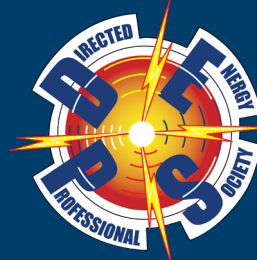
**DEPS has not had to dip into our Reserve Funds**



# DEPS Scholarship Fund

- Five-year plan to create a \$500k scholarship endowment
  - That would fund two named scholarships annually, in perpetuity (\$10k/award)
  - Expect a 4.5% annual withdrawal, consistent with standard endowment practices
  - Five-year gifting program also consistent with standard endowment practices
  - Board has approved one named scholarship for Dr. Sam Blankenship
    - 1<sup>st</sup> DEPS Executive Director (2001-2012)
  - DE JTO has approved one named scholarship for Dr. Jack Slater (2020-2024)
    - JTO Technical Advisor (2001-2018)

# Thank you to our DEPS Sponsors



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# DEPS Committees

- **Board of Scientific & Engineering Advisors**
  - Membership limited to new and immediate past Fellows
  - Review/recommend Scholarship awards (packages due 30 April)
  - Review/recommend Fellows packages (packages due 1 Nov)
  - New Fellows recognized on 26 April
  
- **Education Outreach committee**
  - High School Science Fair STEM awards
    - Covered Dallas TX & central New Mexico, awarded \$3200 in prizes & teacher stipends
    - A Big Thank you to those who volunteered to help with the judging
  - Volunteers are still needed for other state Science Fair locations
  - Contact Cristina Crowson ([cristina@deps.org](mailto:cristina@deps.org)) to volunteer

# DEPS Board of Directors Elected by the DEPS Membership



## Serving Directors

Dave Stoudt (BAH)

John Hartke (USMA)

Don Seeley (Blue Halo)

Diana Loree (DE JTO)

Michael O'Connor (nLight)

Jeff Maloney (II-VI)

## New Director

Iain McKinnie (Raytheon)

## Re-Elected Directors

Stephanie Miller (AFRL)

Adam Aberle (SMDC)

Chris Behre (NSWC)

# DEPS Officers

## Elected by the Board of Directors



### *New Officers (to be selected)*

**President**

**Dave Stoudt**

**Vice President**

**John Hartke**

**Secretary**

**Bill Decker (Emeritus)**

**Treasurer**

**Don Seeley**

**BSEA Liaison**

**Diana Loree**



# DEPS 2022 Events

- **DEPS Annual S&T Symposium**
  - 25-29 April 2022, Mobile AL
- **US/UK DE Workshop**
  - 18-22 July 2022, RAF Shrivenham UK
- **DEPS Systems Symposium**
  - 14-18 Nov 2022, La Jolla CA



# Executive Director Search

- Mark Neice has advised the Board he would like to voluntarily step down from the DEPS Executive Director position at the end of 2022.
- The Board has established a search committee, led by Col John Hartke, to look internal to the DE Community for a replacement
  - Dave Kiel & Dr Sean Ross are also part of the search committee