

## American Nuclear Society Thermal Hydraulics Division

### Financial report

June 5, 2022

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The budget for **2022** has been approved by the THD EC is shown on the right.

Table 1 shows for all five award funds:

1. The Service award account started at a fund level of \$21,000, with incomes from investment gain (\$2,589). Total value is \$23,589 at the beginning of 2022.

2. TAA award starting balance was \$54,649. Healthy investment gain (\$6,738) allowed to award two TAA this year (as planned) to Dr. Chul-Hwa Song and Dr. Francesco D'Auria (\$2000 each). End of year balance is \$57,237 at the beginning of 2022. Division sincerely appreciates the donation by Dr. Song to the Esposito fund.

3. With the investment gain of \$10,411, the Lawrence Hochreiter scholarship account reaches a new balance of \$91,843. This accounts for \$3000 scholarship award in 2021 to Adam Kraus. Spending limit for this award is \$7,862 for 2022. Note that planned scholarship amount is \$3000.

4. Esposito award has been funded at \$75,000, gained \$9,248 and received \$2000 donation. The balance is \$86,248 with spending limit of \$7,383. Note that planned scholarship amount is \$3000.

5. The newly established Bal-Raj Sehgal Memorial Award has been funded by the family at \$23,000. The gain of \$2,836 fully covered the award to Prof. Elia Merzari given at NURETH-19. The Sehgal award will be given every 2 years at NURETH meetings.

6. The general account is at \$43,653 at the end of 2021, and

	2021 Budget	2021 Actual	2022 Proposed
<b>Balance Forward from Previous Year</b>	\$43,770	\$43,770	\$42,425
<b>Budget Funds</b>			
Member Dues Allocation (\$2/ full dues member; \$1 / reduced dues member)	\$2,300	\$1,606	\$1,604
Division Income			
<b>Total Income</b>	\$2,300	\$1,606	\$1,604
<b>Budget Expenses</b>			
Newsletters, Website			
Awards & Plaques	\$645	\$1,223	\$1,250
National Meeting Costs			
Topical Meeting Costs			
Division Officer Expenses			
Student Support	\$2,500	\$500	\$2,500
Future Activity			
Scholarship/NEED Funding	\$500	\$500	\$500
YMG Support			
Other Expenses		(\$500)	
<b>Total Expenses</b>	\$3,645	\$1,723	\$4,250
<b>Net</b>	(\$1,345)	(\$117)	(\$2,646)
<b>Total Year End Funds</b>	\$42,425	\$43,653	\$39,779

**Table 1: ANS THD Award Funds (March 31, 2022)**

	Service	TAA	Hochreiter	Esposito	Sehgal
<b>Balance Forward from 12/31/2020</b>	<b>\$21,000</b>	<b>\$54,649</b>	<b>\$84,433</b>	<b>\$75,000</b>	<b>\$23,000</b>
<b>Budget Funds</b>					
Investment Gain (up to 12/31/2021)	\$2,589	\$6,738	\$10,411	\$9,248	\$2,836
Division Designated (2021)				\$2,000	
<b>Total Income</b>	\$2,589	\$6,738	\$10,411	\$11,248	\$2,836
<b>Budget Expenses</b>					
Awards		\$4,000	\$3,000		\$2,000
Plaques		\$150			\$75
Other Expenses					\$0
<b>Total Expenses</b>	\$0	\$4,150	\$3,000	\$0	\$2,075
<b>Net</b>	\$2,589	\$2,588	\$7,411	\$11,248	\$761
<b>Total Year End Funds</b>	<b>\$23,589</b>	<b>\$57,237</b>	<b>\$91,843</b>	<b>\$86,248</b>	<b>\$23,761</b>
<b>Spending Limit (8.56%)</b>	\$2,019	\$4,900	\$7,862	\$7,383	\$2,034

the total value of the 5 award accounts is over \$280,000 at the end of 2021 with projected total spending limit of over \$24,000.

7. Proposed budget is consistent with previous years and for 2023 includes:

- Projected membership dues income of \$1,536
- Projected contribution from NURETH-19 of \$24,746 (as budgeted, subject to change)
- Expenses:
  - Awards and Plaques (\$1250)
    - THD Best Paper Award (\$500)
    - YPTHRC prize (\$500)
    - Plaques (\$250), including outgoing division chair, Best paper Award, YPTHRC prize and others.
  - Student Support (\$2,500)
    - Travel support \$1000 for Annual and Winter meetings (each)
    - \$500 ANS Student conference support
  - Scholarship / Nuclear Engineering Education for the Disadvantaged (NEED) Funding support (\$500)

	2021	2022	2022	2023
	Actual	Budget	Actual through 3/30/2022	Proposed
<b>Balance Forward from Previous Year</b>	\$44,270	\$43,653	\$43,653	\$41,007
<b>Budget Funds</b>				
Member Dues Allocation (\$2/ full dues member; \$1 / reduced dues member)	\$1,606	\$1,604	\$384	\$1,536
Division Income				\$24,746
<b>Total Income</b>	\$1,606	\$1,604	\$384	\$26,282
<b>Budget Expenses</b>				
Newsletters, Website				
Awards & Plaques	\$1,223	\$1,250		\$1,250
National Meeting Costs				
Topical Meeting Costs				
Division Officer Expenses				
Student Support	\$500	\$2,500	\$1,000	\$2,500
Future Activity				
Scholarship/NEED Funding	\$500	\$500	\$500	\$500
YMG Support				
Other Expenses				
<b>Total Expenses</b>	\$2,223	\$4,250	\$1,500	\$4,250
<b>Net</b>	(\$617)	(\$2,646)	(\$1,116)	\$22,032
<b>Total Year End Funds</b>	\$43,653	\$41,007	\$42,537	\$63,039

8. Motion to approve the budget

9. Esposito and Hochreiter scholarships have spending limits of \$7,383 and \$7,862, respectively for this year. Division may consider increasing either the award amount or number of awards to 2 in the coming year (just for one year). Current awards are 1 each of \$3,000. Some other divisions have scholarships at higher level, e.g. \$3,500 up to \$5,000 (see right picture).

We also might increase the amount to \$4000 (or higher) and then monitor the market / spending limit in the future years and adjust as needed.

Everitt P. Blizard Scholarship (RPSD)

1 awarded annually @ \$3000

Robert A. Dannels Memorial Scholarship (MCD)

1 awarded annually @ \$3500

Vincent J. Esposito Thermal Hydraulics  
Graduate Scholarship (THD)

1 awarded annually @ \$3000

Gozani Family Graduate Scholarship (IRD)

1 awarded annually @ \$3000

Allan F. Henry/Paul A. Greebler Scholarship  
(RPD/NISD)

1 awarded annually @ \$5000

Ely M. Gelbard Graduate Scholarship (MCD)

1 awarded annually @ \$3500

Lawrence E. Hochreiter Graduate Scholarship  
(THD)

1 awarded annually @ \$3000

Michael J. Lineberry Memorial Scholarship

1 awarded annually @ \$3000

Saul Levine Memorial Scholarship (NISD)

1 awarded annually @ \$3000

NCS D Pioneers Scholarship

1 awarded annually @ \$3000

FCWMD John Randall Scholarship

1 awarded annually @ \$5000

James F. Schumar Scholarship (MSTD)

1 awarded annually @ \$3000

Robert E. Uhrig Graduate Scholarship (HFICD)

1 awarded annually @ \$4000