



# Toxicology Education Foundation

**ANNUAL REPORT**  
2022-2023

*Vision: A public that understands the essentials of toxicology*

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Toxicology Education Foundation

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Lisa Navarro, PhD, DABT, ERT  
**Chair, Fundraising Committee**  
Flavor Producers LLC.

Philip Wexler, BS, MLS  
National Library of Medicine (Retired)

### **Secretariat**

Toxicology Education Foundation  
4303 Kirby Avenue  
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Michael L. Dourson, PhD, DABT, FATS  
Executive Director

Bethany J. Hansen, MA  
Communications Specialist

## About Toxicology Education Foundation

The Toxicology Education Foundation (TEF) is a non-profit charitable 501 (c)(3) foundation whose mission is to enhance public understanding of toxicology through access to objective, science-based information on the safety of chemicals and other agents encountered in daily life. We strive to be a reliable and trustworthy resource providing educational materials, videos and short articles, all designed to enhance understanding and inform personal decision making.

TEF aims to:

- Enhance public *awareness* and *understanding* of *fundamental key principles* related to chemical hazards in our homes, workplaces, schools, and general environment. This is vital to ensuring public safety and promotes sensible decision-making in government about current issues of concern. It also promotes public support for toxicology research and education.
- Provide the general public a broad base of *readily accessible and reliable sources of information* about safety assessment of specific types of exposures that will assist them in making sound, sensible decisions regarding their own potential risks from chemicals, including drugs.

Originally founded by the Society of Toxicology (SOT) as an independent foundation directed by SOT leadership, the Foundation became a wholly independent international charity in 2002. Trustees of the Foundation have been, and continue to be, leaders in the field of toxicology and risk assessment from government, industry, the private sector and academia. The board is international in scope and includes members from a variety of toxicology subdisciplines.

## Activities for Fiscal 2022-2023 Year

### Fundraising

Fundraising efforts were maintained through a monthly newsletter that include links for funding opportunities. This approach allows TEF to reach more interested scientists more often since it can be easily amplified on social media networks. The monthly solicitation email is now being routinely updated to reflect recent activity by TEF while also soliciting new ideas and consistent with TEF's vision.

The Fundraising Committee continued to explore new ways to make connections and recognize previous and current donors on the TEF website. A student from the Ohio Chapter of the Society of Toxicology was sponsored to a risk assessment boot camp by Toxicology Excellence for Risk Assessment (TERA).

A survey was developed to explore TEF's niche. The results show teachers, parents, and adults where a preferred focus. Discussion centered around how to best reach these audiences in a way that differentiate TEF from other companies.

## **Website/Marketing**

### *Website Hosting*

The Website/Marketing Committee has finished updating the website software. This has helped to streamline the process of making necessary changes to the website.

### *Content Updates*

The Committee has continued to make steady progress with updating existing content and creating new topics, based in part on submissions from Trustees and newspaper articles developed by TEF staff. The website was also revamped, a new version of which was launched.

The strategy was implemented to prioritize toxicology topics that are currently in the news and likely to be causing consumers to search for information. We also worked to improve the visibility of our content in search engines. Additional stories were added to the website along with a series of short videos developed by the talents of a summer student hire.

TEF also sponsored the development of lectures to TERA's biannual risk assessment boot camps by William Hayes and Max Michaels, who both also introduced toxicology games associated with various topics.

The committee welcomes any suggestion for edits to existing content as well as new topics.

### *Social Media*

The Committee and the Secretariat have been steadily increasing our posts on our Facebook, Twitter, and Linked-In social media feeds, with the goal of posting either a Tox Topic or an article that is relevant to toxicology once a week.

The trends over 2022-23 for our followers on these three platforms are shown below.

- LinkedIn is our best platform with an increase of 550 followers since last year at this time, which is an increase of 162%;
- Facebook: We gained 183 new fans since last year, which is an increase of 165%; and
- Twitter: We gained 20 new followers since this time last year, which is an increase of 13.2%.

## **Outreach**

TEF worked to continue to provide meaningful content and make connections throughout 2022-23. We attended the Earth Day Festival in Blue Ash, OH to gain more visibility and promote TEF's vision. Valuable insights were gained from new experiences and progress was made on expanding our educational offerings and social media postings as previously shown.

Michael Dourson and Bethany Hansen traveled to a local Cincinnati high school to provide several podcasts on topics within the series *Now That's Good Chemistry*.

### *International Risk Assessment/Risk Management Course*

TEF is sponsoring a comprehensive course to perform a thorough risk assessment, which includes many skills beyond toxicology and data interpretation. These skills include communications, sample design, team building, project management, and several others. A module has been added which discusses emergency response during an epidemic and the challenges created by that situation. Students completing this class will have gained the foundational knowledge needed to become part of a risk assessment team and continue to build their skills.

We were unable to obtain any sponsors for this course. However, this is still an invaluable course and is featured on the TEF website. We are looking into alternative options on how to market this course.

## **Looking Forward**

In the 2023/2024 fiscal year we will continue to look for opportunities to grow our donor base and audiences. We will focus on opportunities at in-person professional meetings and growing our content outreach via social media. We will also be focusing on streamlining our existing website content and adding new topics.

## **Finances**

Although the Secretariat stabilized under the guidance of Ms. Bethany Hansen and Dr. Michael Dourson, the expected amount of donations has still not matched pre-pandemic levels. Subcontract income was also very much under expectations. Modest contract income and expenses reflected the conduct of several lectures within TERA's risk assessment/risk management course.

The overall result of all of this was a loss of \$21,638 for the year, as shown in the table below.

Toxicology Education Foundation

<b>Toxicology Education Foundation</b>			
<b>Budget 2022-2023</b>			
<b>Income</b>	<b>Budget</b>	<b>Actual</b>	<b>Difference</b>
• Donations from Groups	\$ 1,000	\$ 1,000	\$ -
• Donations from Others	\$ 5,000	\$ 2,353	\$ (2,647)
• Donations from Trustees	\$ 1,000	\$ 1,396	\$ 396
• Contracts	\$ 50,000	\$ 1,000	\$ (49,000)
• Exchanges	\$ -	\$ -	\$ -
• Interest	\$ 500	\$ 316	\$ (184)
• Other (COVID grant)	\$ -	\$ -	\$ -
<b>Total Income</b>	<b>\$ 57,500</b>	<b>\$ 6,065</b>	<b>\$ (51,435)</b>
<b>Expenses</b>			
Dixon Award	\$ 500	\$ 2,000	\$ 1,500
Fundraising Committee	\$ 1,200	\$ 66	\$ (1,134)
Insurance	\$ 2,700	\$ 1,966	\$ (734)
Misc. Business Expense	\$ 300	\$ 930	\$ 630
Professional and Legal Fees	\$ 300	\$ -	\$ (300)
Rent	\$ 3,000	\$ 2,750	\$ (250)
Secretariat Fee	\$ 15,000	\$ 16,250	\$ 1,250
Subcontracts	\$ 25,000	\$ 800	\$ (24,200)
Trustee Meeting	\$ 1,200	\$ -	\$ (1,200)
Website Hosting/Improvements	\$ 250	\$ 2,720	\$ 2,470
Website/Marketing Committee	\$ 3,500	\$ 221	\$ (3,279)
<b>Total Expenses</b>	<b>\$ 52,950</b>	<b>\$ 27,703</b>	<b>\$ (25,247)</b>
Gain/Loss	\$ 4,550	\$ (21,638)	\$ (26,188)

**Budget for 2023-2024**

The board-accepted budget for the fiscal year July 2023 to June 2024 is shown below. This budget assumes that the international risk assessment/management course will be taught as portions of Toxicology Excellence for Risk Assessment (TERA) risk assessment boot camps.

Toxicology Education Foundation		
Budget 2022-2023		>>>
		^
Income	Budget 2023-2024	Bare Budget 23-24
• Donations from Groups	\$ 1,000	\$ 1,000
• Donations from Others	\$ 5,000	\$ 5,000
• Donations from Trustees	\$ 1,000	\$ 1,000
• Contracts	\$ 50,000	\$ -
• Exchanges	\$ -	\$ -
• Interest	\$ 100	\$ 400
• Other (COVID grant)	\$ -	\$ -
<b>Total Income</b>	<b>\$ 57,100</b>	<b>\$ 7,400</b>
<b>Expenses</b>		
Dixon Award	\$ -	\$ -
Fundraising Committee	\$ 1,000	\$ 500
Insurance	\$ 2,700	\$ 2,700
Misc. Business Expense	\$ 800	\$ 400
Professional and Legal Fees	\$ 300	\$ 300
Rent	\$ 3,000	\$ 3,000
Secretariat Fee	\$ 18,000	\$ 10,000
Subcontracts	\$ 25,000	\$ -
Trustee Meeting	\$ 1,200	\$ -
Website Hosting/Improvements	\$ 300	\$ 300
Website/Marketing Committee	\$ 1,000	\$ 500
<b>Total Expenses</b>	<b>\$ 53,300</b>	<b>\$ 17,700</b>
Gain/Loss	\$ 3,800	\$ (10,300)



## Net Worth

Finally, our net worth over the last two fiscal years (July 2021 to June 2023) is shown below. Current net worth is \$85,443.52.

### Net Worth Over Time

Date Range: Custom Dates (July 2021 – June 2023)  
Accounts: 1st 15 month CD, 2nd 15 month CD, and 4 more

