



Toxicology Education Foundation

ANNUAL REPORT
2020-2021

Vision: A public that understands the essentials of toxicology

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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 2020-2021 Year

Fundraising

Fundraising efforts have transitioned from the traditional annual donation-request letter to a quarterly update/funding request email. This approach will allow TEF to reach more interested scientists since it can be easily amplified on social media networks. The quarterly solicitation email is routinely updated to reflect recent activity by TEF while also soliciting new ideas and consistent with TEF's vision.

The Fundraising Committee will continue to explore new ways to make connections and recognize previous and current donors on the TEF website.

TEF also requested a modest government loan of \$5,000 during the COVID pandemic. If received, this loan will not have to be paid back.

Website/Marketing

Website Hosting

The Website/Marketing Committee is in the process of updating the website software in order to streamline the process of making changes.

Content Updates

The Committee has been making steady progress with updating existing content and creating new topics. Recent updates and new topics include:

- Hazard vs Risk (update)
- Occupational Safety and Health (update)
- Basics of Dose-Response (update)
- What are Genetically Modified Organisms (GMO)? (update)
- Perchlorate Toxicity (new)
- Pain Relievers and Pregnancy Q&A (new)
- Methanol Toxicity (new)
- Mixing Cleaners—Just Don't (new)
- Threshold of Toxicologic Concern (new)
- How Safe is This Drug? (new)

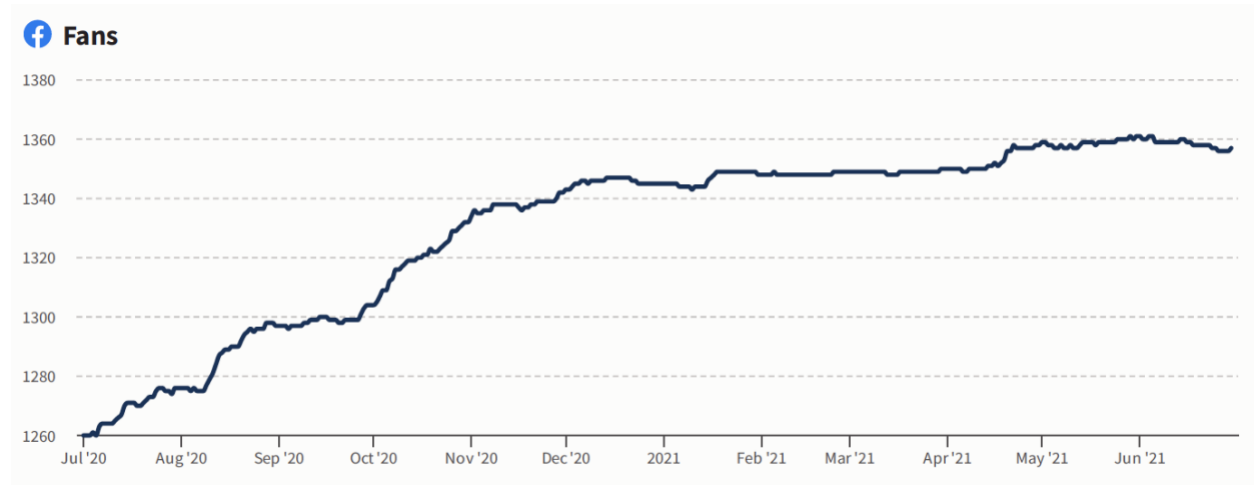
Our strategy is to prioritize toxicology topics that are currently in the news and likely to be causing consumers to search for information. We are also working to improve the visibility of our content in search engines. The committee welcomes any suggestion for edits to existing content as well as new topics.

Social Media

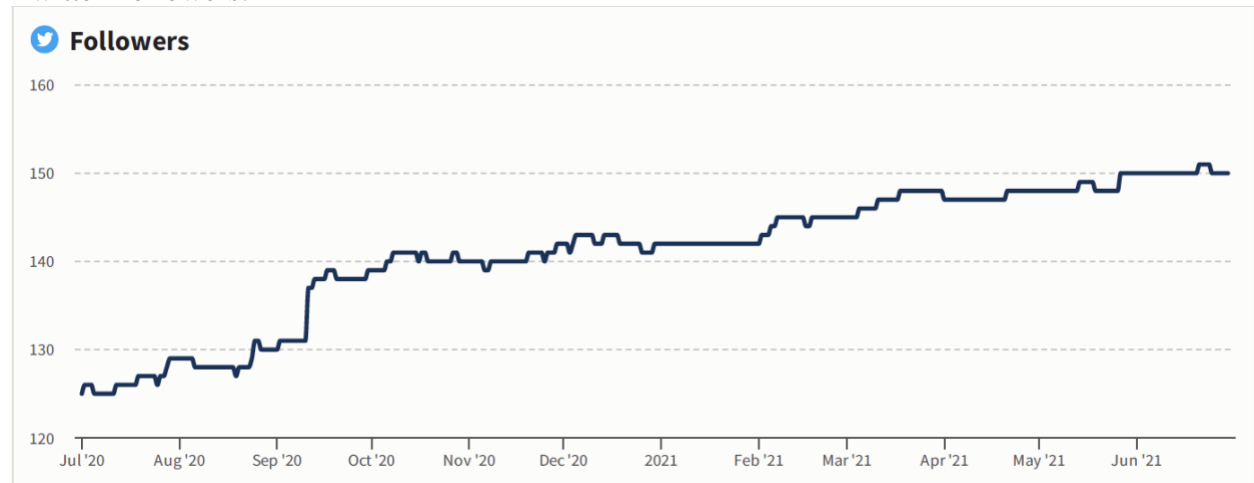
The Committee and the Secretariat have been steadily increasing our posts on our Facebook, Twitter, and Linked-In social media feeds, with the goal of posting either a Tox Topic or an article that is relevant to toxicology once a week.

The trends over 2020-21 for our followers on these three platforms are shown below.

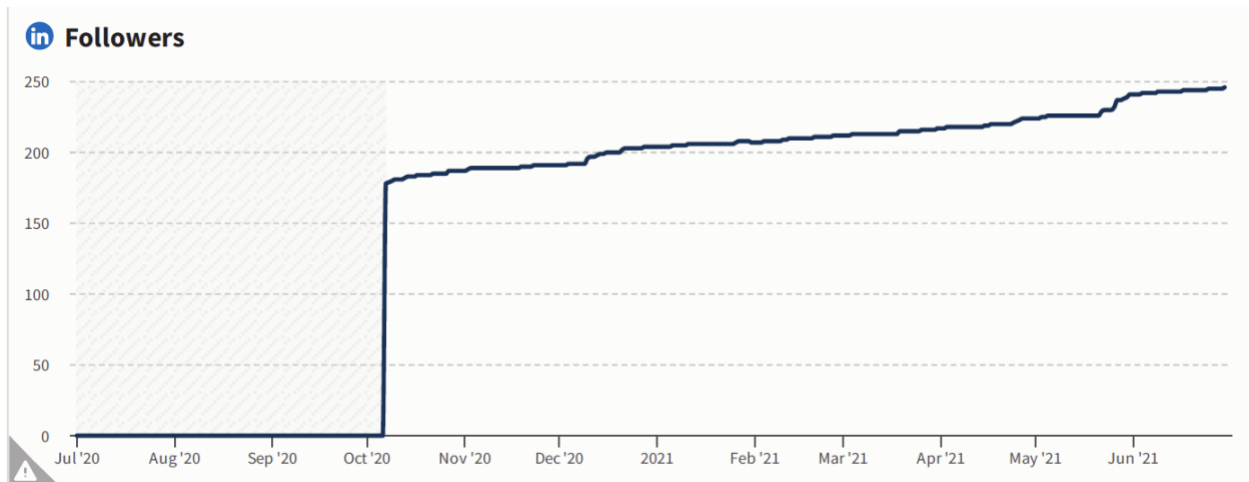
Facebook Fans:



Twitter Followers:



Linked-in Followers (information prior to October 2020 is not reliable):



Outreach

TEF worked diligently to continue to provide meaningful content and make connections throughout 2020 even in the face of very limited opportunities due to the widespread impact of the Coronavirus pandemic. Valuable insights were gained from new experiences and progress was made on expanding our educational offerings.

Society for Risk Analysis Annual Meeting

TEF sponsored an electronic booth at the virtual annual meeting of the Society for Risk Analysis (SRA). The SRA is a multidisciplinary, interdisciplinary, scholarly, international society whose annual meeting provides an open forum for all those interested in risk analysis. The intent was to provide greater visibility for the SRA audience to the goals and mission of TEF, to garner additional toxicological expertise and to secure/solicit resource/financial support for the TEF cause. There were 649 participants total, which was hosted through a software called Pathable. 42 of those participants visited the TEF electronic booth. TEF will use this information to determine if we will participate in future virtual booths.

International Risk Assessment/Risk Management Course

Colleagues of TEF have recently designed 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. In light of the Covid-19 outbreak, 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.

This course is highlighted on the TEF website and sponsors have been solicited as appropriate. Current discussions are occurring with Texas Commission on Environmental Quality and the University of Alexandria, Egypt.

Looking Forward

In the 2021/2022 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.

Specifically, TEF is working to secure a booth at the in-person, 2022 Society of Toxicology meeting. This would be associated with an in-person TEF board meeting and a “Pick Your Poison” event. We will also maintain regular social media contacts on Twitter, Facebook, and Linked-in, with the aim of expanding our impact through a wider network.

Finances

The fiscal year July 2020 to June 2021 was financially difficult. The Secretariat had additional changes due to the untimely death of Dr. Russ Savage, but stabilized under the capable guidance of Ms. Bethany Hansen and Dr. Michael Dourson. In addition, the COVID pandemic lessened an already smaller income stream. The two bright spots during this time were that TEF applied for an additional US government COVID, small business loan for \$5,000. If received, this loan will not have to be repaid. The second bright spot was that expenses were down for the year due to the turmoil in the secretariat. The overall result of this was a loss for the year, as shown below.

Financial Report for 2020-2021

<u>Income</u>	<u>Yearly</u>	<u>Actual</u>	<u>Difference</u>
• Donations from Trustees	\$1,000	\$800	\$(200)
• Donations from Groups	\$15,000	\$900	\$(14,100)
• Donations from Others	\$9,000	\$4,721	\$(4,279)
• Interest	\$8	\$21	\$13
• Contracts	\$-		
Total Income	\$25,000	\$6,421	\$(18,579)
<u>Expenses</u>			
Business Expenses	\$210	\$280	\$70
Dixon Award	\$-	\$-	\$-
Fundraising Committee	\$1,000	\$200	\$(800)
Insurance	\$1,700	\$1,885	\$185
Legal and Professional Fees	\$100	\$-	\$(100)
Miscellaneous	\$750	\$189	\$(561)
Rent	\$3,000	\$3,000	\$-
Secretariat Fee	\$15,000	\$7,810	\$(7,190)
Subcontracts	\$-	\$-	\$-
Trustee Meeting	\$1,000	\$-	\$(1,000)
Website Hosting	\$85	\$2,309	\$2,224
Website/Marketing Committee	\$2,500	\$-	\$(2,500)
Total Expenses	\$25,135	\$15,673	\$(9,462)
<u>Gain/Loss</u>	\$(135)	\$(9,252)	\$(9,117)

Budget for 2021-2022

The board-accepted budget for the fiscal year July 2021 to June 2022 is shown below. This budget assumes that the international risk assessment/management course will be taught at least one time.

Toxicology Education Foundation
Budget 2021-2022

<u>Income</u>	<u>Yearly</u>	<u>Monthly</u>
• Donations from Trustees	\$1,000	\$83
• Donations from Groups	\$15,000	\$1,250
• Donations from Others	\$9,000	\$750
• Contracts	\$50,000	\$4,167
Total Income	\$75,000	\$6,250
<u>Expenses</u>		
Business Expenses	\$300	\$25
Dixon Award	\$-	\$-
Fundraising Committee	\$1,200	\$100
Insurance	\$2,700	\$225
Legal and Professional Fees	\$500	\$42
Miscellaneous	\$750	\$63
Rent	\$3,000	\$250
Secretariat Fee	\$15,000	\$1,250
Subcontracts	\$25,000	\$2,083
Trustee Meeting	\$1,200	\$100
Website Hosting	\$100	\$8
Website/Marketing Committee	\$3,500	\$292
Total Expenses	\$52,950	\$4,413
<u>Gain/Loss</u>	\$22,050	\$1,838

Net Worth

Finally, our net worth over the last two fiscal years (July 2019 to June 2021) is shown below.

Net Worth Over Time

Date Range: Custom Dates (July 2019 – June 2021)

Accounts: All Accounts

