NAME OF SPECIALTY SECTION: Carcinogenesis

ANNUAL REPORT: 2018-2019
May 1, 2018 to April 30, 2019

I. Officers/Committees:

<table>
<thead>
<tr>
<th>Officers</th>
<th>2017-2018</th>
<th>2018-2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>President:</td>
<td>John DiGiovanni</td>
<td>Timothy Fennell</td>
</tr>
<tr>
<td>Vice President:</td>
<td>Timothy Fennell</td>
<td>Udayan M Apte</td>
</tr>
<tr>
<td>Vice President-Elect:</td>
<td>Udayan M Apte</td>
<td>Zemin Wang</td>
</tr>
<tr>
<td>Secretary/Treasurer:</td>
<td>Karen S Regan</td>
<td>Jamie Bernard</td>
</tr>
<tr>
<td>Past President</td>
<td>Robert H Schiestl</td>
<td>John DiGiovanni</td>
</tr>
<tr>
<td>Councilors:</td>
<td>Zemin Wang</td>
<td>Zemin Wang</td>
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<td></td>
<td>Lora L Arnold</td>
<td>Chad Brocker</td>
</tr>
<tr>
<td>PDA Representative:</td>
<td></td>
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<td>GSCLC Representative:</td>
<td></td>
<td>Nehal Gupta</td>
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</tbody>
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Committees:

1. Program committee:
   Tim Fennell
   Udayan Apte
   Zemin Wang

2. Awards Committee:
   Chad Brocker (Chair)
   Zemin Wang
   Udayan M Apte

3. Nominating Committee:
   Zemin Wang
   Udayan M Apte
   Timothy Fennell

II. Activities:

2019 SOT Annual Meeting Reception was held in the Hilton Baltimore, Key 9, Baltimore, Maryland on Tuesday March 12, 2019. Approximately 50 people were in attendance.
Dr. Fennell called the meeting to order at 6:45 PM, and welcomed members and guests, and introduced the officers. In the absence of Dr. Bernard (Secretary Treasurer), Dr Fennell presented the Treasurers report. Dr Brocker announced the graduate and postdoctoral awards. Dr. Fennell thanked Dr. Wang for his service as councilor and in his new role as Vice President.
Dr. Fennell then turned the meeting over to the incoming President Dr. Apte, who in turn thanked Dr. Fennell for his service. Dr. Apte thanked the assembled group for attending. He requested that the audience participate actively in the activities of the Specialty section, by volunteering as officers, and by contributing proposals for symposia, roundtables and workshops. Under discussion of business, there was an introduction of the candidates for Vice President and Councilor, and that the election for these offices was ongoing, and would be announced several weeks following the meeting. There was discussion of the numbers of members, the finances of the SS, and the need to engage members, and new members.

Awards:

**Postdoctoral Fellowship and Young Investigator Award**
Rance Nault, Ph.D. (Michigan State University); Abstract “Application of Toxicogenomics for the Risk Assessment of the Food Contaminant Acetamide”

**Dharm V. Singh Carcinogenesis Endowment Graduate Student Award**
1st Place (2 students tied)
Keshav Karki (Texas A&M University)
“Nuclear Receptor 4A2 (NR4A2) as a Drug Target for Treating Glioblastoma”
Sumira Phatak (Utah State University)
“Impact of Thermally Abused Oil on Gut Inflammation, Colon Tumorigenesis, and Hepatic Gene Expression in Mice Fed a Standard Diet or the Total Western Diet”

2nd place Carcinogenesis Specialty Section Graduate Student Award
Sreedhar Suthe (Texas Tech University Health Sciences Center)
“RON Receptor-Targeted Antibody-Drug Conjugate Therapy Eliminates Cancer Stem-Like Cells and Induces Long-Term Tumor Regressions in Preclinical Models of Triple-Negative Breast Cancer (TNBC)”

Sharavan Ramachandran (Texas Tech University Health Sciences Center)
“Pimavanserin Tartrate, a Novel Anti-Parkinson Drug Suppresses Pancreatic Tumor Growth by Inhibiting Akt/Gli-1 Signaling Axis”

2019 SOT Annual Meeting Courses/Sessions:

**Monday, March 11, 1:45 PM to 4:30 PM, CC Room 314**
Workshop Session: A Herculean Switch? Rethinking Chemical Carcinogenicity Assessment
Chairperson(s): Sabitha Papineni, Corteva Agriscience, Indianapolis, IN; and Amy Clippinger, PETA International Science Consortium Ltd., Norfolk, VA.
Primary Endorser: Risk Assessment Specialty Section
Other Endorser(s): Carcinogenesis Specialty Section

**Wednesday, March 13, 8:00 AM to 10:45 AM, CC Ballroom I**
Symposium Session: Progress toward Charting the Course for Improving Carcinogenicity Assessments of Human Pharmaceuticals and Pesticides
Chairperson(s): Jan Willem. van der Laan, Medicines Evaluation Board, Utrecht, Netherlands; and Frank D. Sistare, Merck & Co., Kenilworth, NJ.
Primary Endorser: Carcinogenesis Specialty Section
Other Endorser(s): Regulatory and Safety Evaluation Specialty Section

Thursday, March 14, 8:30 AM to 11:15 AM, CC Ballroom III
Symposium Session: New Mechanistic Insights into Causes and Outcomes of Epigenetic Dysregulation by Carcinogenic Metals
Chairperson(s): Chunyuan Jin, New York University School of Medicine, New York, NY; and J. Christopher States, University of Louisville, Louisville, KY.
Primary Endorser: Metals Specialty Section
Other Endorser(s): Carcinogenesis Specialty Section; Mechanisms Specialty Section
Endowment Fund Details:

Society of Toxicology
TOTAL ENDOWMENT CONTRIBUTIONS
For the Nine Months Ending March 31, 2019

<table>
<thead>
<tr>
<th>Dharm Singh Carcinogenesis Award Fund (Endowment)</th>
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<td>85-033-1</td>
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Ordinary Income/Expenses

<table>
<thead>
<tr>
<th>Income</th>
<th>3,750</th>
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<tr>
<td>Contributions</td>
<td></td>
</tr>
<tr>
<td>Employer Matching Funds</td>
<td>-</td>
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<tr>
<td>SOT Matching Funds</td>
<td>-</td>
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</tbody>
</table>

Total Income

| - | 3,750 |

Gain (loss) on Investments

| Interest & Dividends | 1,211 |
| Gain/(Loss) | (923) |

Total Return

| - | 289 |

Expense

| Awards | 1,100 |
| Subscriptions | - |

Total Expense

| - | 1,100 |

Excess (Deficiency) of Revenue over Expenses

| 2,939 |

Net Assets Beginning of Year

| 43,772 |

Net Assets End of Year

| 46,711 |
Society of Toxicology
TOTAL ENDOWMENT CONTRIBUTIONS
For the Nine Months Ending March 31, 2019
Environmental Carcinogenesis Research Fellowship Fund (Endowment)
85-027-1

Ordinary Income/Expenses
Income

Contributions -
Employer Matching Funds -
SOT Matching Funds -

Total Income -

Gain (loss) on Investments
Interest & Dividends 207
Gain/(Loss) (157)

Total Return 50

Expense

Awards -
Subscriptions -

Total Expense -

Excess (Deficiency) of
Revenue over Expenses 50
<table>
<thead>
<tr>
<th>Net Assets Beginning of Year</th>
<th>7,994</th>
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</thead>
<tbody>
<tr>
<td>Net Assets End of Year</td>
<td>8,043</td>
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Society of Toxicology
TOTAL SECTIONS
For the Nine Months Ending March 31, 2019

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Ordinary Income/Expense

Income
- Contributions -
- Global Initiatives (CNCL) -
- Registration 995
- Total Income 995

Expense
- Awards - Sections 500
- Plaques -
- Executive Meetings -
- Global Outreach/Initiatives -
- Mentoring Activities -
- Miscellaneous -
- Printing -
- Reception 4,046
- Webinar -
- Total Expense 4,546

Excess (Deficiency) of

Revenue over Expenses (3,552)
Net Assets Beginning of year                               6,901

Transfers from General Fund                               -

Net Assets After Transfers                                6,901

Net Assets End of Year                                    3,349

Society of Toxicology
TOTAL SECTIONS
For the Ten Months Ending April 30, 2018

Ordinary Income/Expense

Income
Contributions -
CRAD:Mentoring Activities -
Global Initiatives (CNCL) -
Registration 1,251

Total Income 1,251

Expense
Awards - Sections 850
Plaques 80
Executive Meetings 355
Global Outreach/Initiatives -
Mentoring Activities -
Miscellaneous -
Printing -
Reception 2,999
Travel -

Total Expense 4,284

Excess (Deficiency) of
Revenue over Expenses
<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Net Assets Beginning of year</td>
<td>6,570</td>
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<tr>
<td>Transfers from General Fund</td>
<td>-</td>
</tr>
<tr>
<td>Net Assets After Transfers</td>
<td>6,570</td>
</tr>
<tr>
<td>Net Assets End of Year</td>
<td>3,537</td>
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Newsletters: N/A

Teleseminars: N/A

White Papers: N/A

Contributions to SOT website: N/A

Other Specialty Section 2018-2019 Activities: N/A