

NAME OF SPECIALTY SECTION: Neurotoxicology

## **ANNUAL REPORT: 2018-2019**

May 1, 2018 to April 30, 2019

### **I. Officers/Committees:**

<u>Officers</u>	<u>2017-2018</u>	<u>2018-2019</u>
President:	Mary E Gilbert	Michelle L Block
Vice President:	Michelle L Block	Lucio G Costa
Vice President-Elect:	Lucio G Costa	Nikolay Filipov
Secretary/Treasurer:	Ronald B Tjalkens	Mamta Behl
Past President	Abby A Li	Mary E Gilbert
Councilors:	Vanessa A Fitsanakis	Vanessa A Fitsanakis
	Helen J K Sable	Jason Cannon
PDA Representative:	Marissa Sobolewski	Megan Culbreth
GSLC Representative:	David Allen Edmondson	Kyle Saitta

### **Committees:**

**Distinguished Neurotoxicologist Award Committee:** Mary Gilbert (Chair), Abby Li, Will Boyes, Nik Filipov and Jim O'Callaghan

**Conference Travel Award Committee:** Nikolay Filipov (Chair), Jason Cannon, Vanessa Fitsanakis, and Mamta Behl

**Trainee Poster Award Committee:** Mary Gilbert (Chair), Jason Cannon, Vanessa Fitsanakis and 51 NTSS Members as Judges

**Nomination Committee:** Abby Li (Chair)

### **II. Activities:**

**2019 SOT Annual Meeting Reception** was held in Baltimore, Maryland on Wednesday March 13, 2019.

Approximately 250 people were in attendance.

Dr. Michelle Block (NTSS President) called the meeting to order at 6:45 PM on March 13, 2019.

Business Meeting Speaker(s): Will Boyes (in memorium speaker); Alexander Suvorov (Continuing Education); Joan Cramner (speaker for Distinguished Neurotoxicologist)

**Meeting Minutes:** see Power Point Slides.

## **Awards:**

### **Distinguished Neurotoxicologist Award:**

Dr. William Atchison, Michigan State University

### **Conference Travel Award Recipients:**

1. Morgan Thomas, Oberlin College (Mentor: Gunnar Kwakye)
2. Hendrik Greve, Indiana University (Mentor: Michelle L Block)
3. Aseel Eid, Florida International University (Mentor: Jason Richardson)

### **Trainee Poster Presentation Award Recipients:**

#### **PostDoctoral Trainees**

1<sup>st</sup> place poster    Briana De Miranda, University of Pittsburgh (Mentor: Timothy Greenamyre): Environmental mitochondrial toxicants elevate Parkinson's disease risk by LRRK2 activation.

2<sup>nd</sup> place poster    Carolyn Klocke, University of California at Davis (Mentor: Pamela Lein): Sex-specific alteration of dendritic growth following developmental PCB exposure.

3<sup>rd</sup> place poster    Shreesh Sammi, Purdue University (Mentor: Jason Cannon): Perfluorooctanesulfonic acid is selectively toxic to dopaminergic neurons in *C. elegans*.

#### **Graduate Student Trainees**

1<sup>st</sup> place poster    Darmin Rokad, Iowa State University (Mentor: Anu Kanthasamy): Manganese exposure: misfolded alpha-synuclein, impaired endosomal trafficking and protein degradation machinery. **Sponsored by Battelle.**

2<sup>nd</sup> place poster    Eduardo Gonzalez, University of California at Davis (Mentor: Pamela Lein): Acute intoxication of juvenile rats with the organophosphate DFP causes sex-specific seizure behavior and neuropathology.

3<sup>rd</sup> place poster    Cherish Taylor, University of Texas at Austin (Mentor: Somshuvra Mukhopadhyay): Regulation of brain manganese homeostasis by the transporter SLC30A10

**2019 SOT Annual Meeting Courses/Sessions:** Of the 15 proposals reviewed, 4 Workshops, and 5 Symposia were endorsed by the Scientific Programming Committee (SPC) of SOT and presented at the meeting in 2019.

**Endowment Fund Details:** Three Conference Travel Awards (\$2,400), and two Graduate Student and Three Postdoctoral Poster Award were funded through the Endowment Fund. Balance as of March 2019 was \$104,459.

**Newsletters:** A Fall Newsletter was prepared and distributed to the membership in September 2018

**Contributions to SOT website:** 2018 Poster and Travel Awardee winners were added to the NTSS website.

**Other Specialty Section 2018-2019 Activities:**

1. NTSS reviewed 15 proposals. Authors submitted in advance and received review and feedback from NTSS Executive Committee members to enhance competitiveness of their proposal on Scientific Program Committee Review. Of these 15, 9 were accepted by the SPC of SOT.
2. There were 20 graduate student and 15 postdoctoral student extended abstracts and poster presentations that were evaluated. Three awards were given at the Postdoctoral level and three at the graduate student level. Extended abstracts and oral presentations were evaluated by 51 NTSS members who served as judges. Awards were given at \$700, \$400, and \$200 for 1st, 2nd, and 3rd place winners, respectively.