**Minutes of DRSG Meeting**

**4 May 2021**

Prepared by Dustin Kapraun

**Participants**:

Scott Auerbach, Chair

Matt Wheeler, Past Chair

Jeffry Dean, Vice Chair

Andrew Williams, Chair Elect

Dustin Kapraun, Secretary/Treasurer

Allen Davis, Trustee-at-Large

Sarah Davidson, Trustee-at-Large

Amanda Bernstein, Graduate Student/Postdoctoral Representative

Peg Coleman

Paul Schlosser

Weihsueh Chiu

**Agenda Items**

* **Upcoming Webinar:** Colleen Sutton (Health Canada) will present on “Enhanced Dark-Field Hyperspectral Imaging and Spectral Angle Mapping for Nanomaterial Detection in Consumer Care Products and in Skin Following Dermal Exposure” for the DRSG webinar on 6/1/2021.
* **Website:** Materials describing how to post materials to the DRSG website are posted [here](about:blank). Scott will post the materials from the first DRSG webinar (by Anthony Reardon).
* **Annual Meeting:** The SRA Annual Meeting will be 12/5/2021 through 12/9/2021.
  + Abstracts and symposia/workshop session proposals can be submitted now at the URL below. They must be submitted online by 11:59 PM EDT (New York time) on 6/11/2021.
  + [https://catalyst.omnipress.com/#event-home/sra\_2021](about:blank#event-home/sra_2021)
  + When submitting an abstract, the submitting author must identify a primary specialty group (e.g., DRSG) in addition to key words. This will help the organizers to group abstracts into sessions.
  + Symposia proposals are also due on 6/11/2021. Once a proposal is submitted, an identification number will be provided so that authors/presenters submitting related abstracts can include that number when they submit their abstracts.
  + List of possible symposia proposals for SRA 2021 Annual Meeting:
    - Quantitative PBPK Model Evaluation Criteria (e.g., “factor of two”). Organizers: Dustin Kapraun, John Wambaugh, Paul Schlosser. These organizers are proposing a similar symposium (“workshop”) for the SOT 2022 Annual Meeting.
    - Bayesian model calibration. What are best practices? What are the tacit assumptions commonly made and are they acceptable? – Proposed by Dustin, but he won’t have time to organize this session this year.
    - PBPK Dose Conversion or Dose-Response Analysis: Which Should Come First? – Proposed by Dustin, but he won’t have time to organize this session this year.
    - Intrinsic Limitations of Modeling and Forecasting Behavior in Complex Systems. Mouse or rat vs. human in vitro systems: which one is less wrong? Can we go beyond chemical risk prioritization with in vitro toxicity assays? Organizer: Scott Auerbach.
    - Environmental Justice Session. Focus up until now is mostly on differences in exposure. How can dose-response help address environmental justice issues? Organizer: Weihsueh Chiu.
      * Paul Schlosser did not attend this meeting but offered via email that he might be able to contribute a talk (related to environmental justice) on a polymorphism in the GST gene and its relationship to differential rates of metabolism and toxicity of dichloromethane (DCM).
* **Student and Postdoc Awards:**
  + When do we start advertising? Abstracts due June 11, and submission opened this month (April), so perhaps go ahead and start advertising. Jeff will work on the announcement language.
  + When should there be a webinar associated with the award(s)?
  + How much money should be associated with the award(s)?
  + Can we have a winner and a runner-up?
  + Can we consider \*all\* relevant abstracts rather than just student abstracts or rather than just student abstracts for which the student has also submitted an “extended abstract”?
  + Scott proposes we change the award structure …
    - One (1) “Best Dose-Response Analysis Paper”. Screen all papers published in *Risk Analysis* in the last year. Have a subcommittee evaluate all the papers and select a best one. Perhaps include a $500 honorarium with this award.
    - Five (5) “Poster Abstract Awards”. Screen all poster abstracts that include the key word “dose-response”. Choose the winners and inform them ahead of the meeting. Perhaps hand on ribbons to the winners during the poster sessions.
    - Perhaps also ask each winner to give a short talk (15 minutes for the Best Paper winner and 5 minutes each for the poster abstract winners).
    - Remove the requirement of an “extended abstract” for consideration for the awards.
  + Dustin proposed that we should attempt to develop rubrics for evaluating candidates for both the Best Paper and the poster abstract awards.
  + Paul Schlosser did not attend this meeting, but offered the following comments via email:
    - Awards: I think that if someone has published a paper, just the recognition we might give is something and $100 still gets a nice dinner out for two. I suppose $500 could take the research group. But the intent was to encourage students, and if that isn't working, what else might we do to help our SG thrive? How about just using the $ for a better mixer? I like the idea of $100 each for the best 5 meeting abstracts, no extended abstract. Then maybe a nice plaque for the best paper. The best paper authors might not even be at the annual meeting.
  + Scott did a quick search and found only seven (7) papers related to “dose-response” published in *Risk Analysis* in the last year. So, it should be feasible for a DRSG subcommittee to review, evaluate, and rank the papers from a single year in a reasonable amount of time.
  + We need to write a letter describing the awards and criteria to be shared with DRSG members. Jeff will work on this.