

## Chemistry of Atmospheric Aerosols at Pacificchem 2015 Congress

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## Final Report: Chemistry of Atmospheric Aerosols at Pacificchem 2015 Congress

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This grant was used to provide participant support for a symposium entitled “Chemistry of Atmospheric Aerosols” at the 2015 International Chemical Congress of Pacific Basin Societies (Pacificchem) that took place in Honolulu, Hawaii, USA, on December 15-20, 2015. The objective was to help attract both distinguished scientists as well as more junior researchers, including graduate students, to this international symposium by reducing the financial barrier for its attendance. It was the second time a symposium devoted to Atmospheric Aerosols was part of the Pacificchem program. This symposium provided a unique opportunity for the scientists from different countries to gather in one place and discuss the cutting edge advances in the cross-disciplinary areas of aerosol research.

The “Chemistry of Atmospheric Aerosols” symposium co-organizers were:

- **Prof. Sergey Nizkorodov**, *University of California, Irvine, USA [PI on this DOE grant]*
- **Dr. Alexander Laskin**, *Environmental Molecular Sciences Laboratory, Pacific Northwest National Laboratory, Richland, WA, USA*
- **Prof. Allan Bertram**, *University of British Columbia, Vancouver, Canada*
- **Prof. Xin Yang**, *Fudan University, Shanghai, China*
- **Prof. Chul-Un Ro**, *Inha University, Incheon, Republic of Korea*
- **Prof. Evan Bieske**, *University of Melbourne, Australia*

To achieve the highest possible impact, the PI and the symposium co-organizers actively advertised the symposium by e-mail and by announcements at other conferences. A number of people responded, and the end result was a very busy program with about 100 oral and poster presentation described in the attached PDF file. Presentations by invited speakers occupied approximately 30% of time in each of the sessions. In addition to the invited speakers, each session also had contributed presentations, including those by graduate students and postdoctoral researchers.

This symposium gathered established aerosol chemists from a number of countries including United States, Canada, China, Japan, Korea, Australia, Brazil, Hongkong, Switzerland, France, and Germany. There were plenty of time for the attendees to discuss new ideas and potential collaborations both during the oral sessions and at the poster sessions of the symposium. The symposium was very beneficial to graduate student researchers, postdoctoral fellows, and junior researchers whose prior exposure to international aerosol chemistry science had been limited. The symposium provided junior researchers with a much broader perspective of aerosol chemistry than that afforded by attending a national meeting. The oral and platform presentation abstracts from the symposium were published in the Pacificchem Congress program.

The DOE funds were spent to pay registration costs (\$725) for selected invited speakers and symposium organizers. The PI insisted that the payees become members or participating societies in order to reduce the registration costs (would have been higher otherwise). The table showing how the award money was distributed is shown below. The PI confirmed attendance with all of the people covered by the participant support, and took care of travel grant payments. One of the attendees had to cancel and the payment was refunded and applied to registration of another attendee.

Name	Status	Country	Registration
Bertram, Allan	Organizer	Canada	\$725
Caricato, Marco	junior researcher	USA	\$725
Fry, Juliane	junior researcher	USA	\$725
Johansen, Anne	junior researcher	USA	\$725
Khlystov, Andrey	junior researcher	USA	\$725
Laskin, Alexander	Organizer	USA	\$725
Liu, Yong	Junior researcher	USA	\$725
Mifflin, Amanda	junior researcher	USA	\$725
Ro, Chul-Un	Organizer	Korea	\$725
Tivanski, Alexei	junior researcher	USA	\$725
Wozniak, Andrew	junior researcher	USA	\$725
Yang, Xin	Organizer	China	\$725
Young, Mark	junior researcher	USA	\$725