



ISOES Newsletter

Fall 2016

Special points of interest:

- 2017 Conference - June 1 & 2, Seattle, WA
- Welcome to the new ISOES officers
- Meet the recipient of the student award
- Don't forget your membership dues!

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Rammohan Maikala, PhD
President

Dear ISOES Members:

What a wonderful conference we had in Chicago, IL under the leadership of President Dr. Anand Subramanian. I would like to take this opportunity to thank Anand for helping me to get my feet wet in the leadership activities of ISOES. Likewise, Dr. Brandy Ware's guidance throughout this year, has been very helpful to me. Furthermore, I want to extend a special thanks to Dr. Jeff Fernandez who has been instrumental in keeping this society healthy and lively year after year. Kudos to Jeff - his relentless efforts have made this society an excellent alternative stage in which to spread your work in research and/or practice.

The ISOES 2016-2017 leadership committee has two new members on board: Dr. Marc Christian, JF Associates, Inc., Vienna, VA, USA as the Newsletter Editor, and Mr. Murray Gibson, Saturn Ergonomics Consulting, Auburn, Alabama, USA as the Member at Large.

I also want to thank President-Elect, Ashish Nimbarte, West Virginia University, Morgantown, WV, USA for taking on the challenge of heading the society for 2017-2018. As part of Members at Large, Murray and Mr Jim Borchardt (along with Dr Richard Wyatt and Ms Peggy Ross) have continually helped spread the word of our Society's activities at various conferences this year. However, our membership, although relatively steady, is still in need of increase in its strength. Therefore, I call upon everyone to please make an effort to spread the word and bring new members to our society. *Through this society, we have a unique platform for increasing the synergy between researchers and practitioners in the field of occupational ergonomics and safety.* I strongly believe, you have an equal say to what can be done to increase our presence in occupational safety and health domain. We need you to share your ideas as well as participate in transforming ideas into reality. Please contact any of the Executive Committee with your feedback.

With this newsletter, I want to bring your attention to the upcoming annual conference to be held in Seattle in 2017. We have identified the keynote Speaker for this event, **Dr Anita Vasavada from Washington State University, Pullman, WA, USA.** Dr. Vasavada is internationally respected in the area of biomechanics and neural control of the musculoskeletal system, focusing on the human head and neck system. Dr Vasavada is also highly cited for her exceptional research contributions in understanding mechanisms of whiplash injury.

With this annual conference, we are introducing **Virtual Sessions** for international participants so that they can present their work without leaving their home. Thanks to Murray for leading this initiative! Interested in getting your CPE certification? **Dr. Jeff Fernandez** (Past Director, Board of Certification in Professional Ergonomics) in **Lunch and Learn** will give-the nuances of the CPE exam to the audience during this conference. Dr. Sang Choi and Jeff Borchardt are developing a panel discussion on "Research to Practice to Research". They plan to invite a variety of experts from research and practice worlds so that we can understand the implications of translational research to the real world applications. Overall, we wanted to create a conference program that will be broad, diverse and informative.

I hope you are already making your plans for this Seattle event. Hotel registration is now open. Please reserve your rooms early. I am looking forward to seeing you in Seattle.

Happy New year everyone!

Rammohan V Maikala, Ph.D.
President



*"I received
invaluable
comments and
suggestions for
follow-up research
from ISOES
members"*

-Daniela Barragan



Letter from the Past President

How fast does the time fly by – it just feels like I was getting ready to take over from Richard Wyatt at the Nashville conference. It has been a great honor to serve as the President of this prestigious society for the year 2015-2016. I started this journey as a graduate student attending the ISOES conference in the early 2000s and have come full cycle as I transition into the role of the past president. I can look back with great pride and joy that I have been able to keep company of individuals that have been gurus in the field of ergonomics and safety. We had a great conference in the Windy City and was well attended by individuals representing academia, industry, consulting, and the government. The entire executive committee did a fantastic job in organizing such a great conference. My special thanks to everyone. We deviated slightly from our typical modus-operandi, in that we had a special presentation during the dinner banquet by Dr. Charles Fox and his team at ESI Demonstratives. Dr. Fox's presentation on use of demonstrative exhibits was exploratory and certainly got my attention in the use of technology in the field of safety. Our goals for the year were to increase membership, both for the society as whole, and for the annual conference. The executive committee worked tirelessly in not only keeping up the membership count but also helped generate interest by actively participating and setting up our own ISOES table at ASSE Conference in Atlanta. Our ISOES team was led by Jim Borchardt and supported by Richard Wyatt, Peggy Ross, and Murray Gibson. The camaraderie and teamwork exhibited by the entire executive committee was remarkable.

I believe our organization is a great stage for individuals to showcase their skills not only in the field of ergonomics and safety, but as humans working together as one unit. As I hand over the baton to Dr. Rammohan Maikala, I am confident and convinced that the future of ISOES is in great hands in the years to come. I would like to take this opportunity to welcome our new executive committee members – Dr. Marc Christian and Murray Gibson and also congratulate the other members – Dr. Ashish Nimbarte, Dr. Brandy Ware, Dr. Sang Choi, and Jim Borchardt for their continued efforts and hard work to keep the ISOES organization running as a well-oiled machine. I would also like to convey special thanks to Dr. Jeff Fernandez and Dr. Richard Wyatt for guiding me while at the ISOES office – without their guidance and words of advice it would have been a tough job. I look forward to seeing everyone in Seattle at the next ISOES conference.



Anand Subramanian,
PhD, CPE, CSSBB
Past President

Message from the Student Award Recipient



Daniela Barragan, MA, AEP
Doctoral Student

Human Factors and Applied
Cognition
George Mason University

I am a doctoral student in the Human Factors and Applied Cognition program at George Mason University. I first learned about the ISOES conference while enrolled in a Physical Ergonomics course with Dr. Jeffrey Fernandez. Under his supervision and a colleague of his, Dr. Marc Christian, two other graduate students and I performed an ergonomic assessment at the Skyline Gym at George Mason University. For this project, we spent several hours interviewing and videotaping the employees as well as taking measurements of the workstations and gym equipment. Following this assessment, we provided recommendations and a mitigation plan to reduce the risk of CSDs. One limitation we had to consider was that the university had limited funds to implement recommended changes. Thus, we develop low cost mitigation techniques. I was thrilled to be provided the opportunity to present this research at the ISOES conference and enjoyed meeting professionals in the field. I received invaluable comments and suggestions for follow-up research from ISOES members. My experience at the conference provided me the opportunity to further develop an understanding and expand my knowledge of ergonomics. I highly recommend that interested students take advantage of the opportunity to present and attend the ISOES conference.



**XXIX Annual International Conference
International Society for Occupational Ergonomics & Safety**

Call for Abstracts

Deadlines	Abstract Submission (350 Words):	Feb 28, 2017
	Acceptance Notification:	March 15, 2017
	Final Abstract/Paper Submission:	March 30, 2017

Date & Venue	June 1-2, 2017 Four Points by Sheraton Seattle Airport South, Washington, USA
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TOPICS

Industry

Safety-related

Hot Topics

Health Care	Distraction and Inattention	Stress and Fatigue
Aerospace	Environmental Safety	Safe Patient Handling
Construction	Home Safety	Patient Safety
Mining	Behavior-Based Safety	Aging
Transportation	Enterprise Risk Management	Obesity
Manufacturing	Systems Safety	Built Environment and Health
Defense	Safety Climate	Wearable Technology
Agriculture	High Reliability & Just Culture	Computer Input Devices
Fishing	Safety Excellence	Sit-Stand issues
Automotive	Automated vehicles and safety	Participatory Ergonomics
Utilities	Augmented Reality and	Remote Working
Warehousing	Workplace Safety	Employee Health and Wellness
Oil and Gas	Big Data Analytics for Safety	Return-to-Work
Forestry and Other	Other Safety issues	Other Emerging Topics

**Special Emphasis -
By Popular Demand**

- Accident Analysis and Forensic Engineering
- Case Studies and Practical Applications/Solutions
- Prevention through Design
- Research to Practice and Practice to Research

Virtual Sessions

- **For the first time - International Participants Only**

Student Award

- ISOES selects one student each year to receive a merit-scholarship waiver.
- Scholarship includes free conference registration, two nights at the conference hotel, and airfare to Seattle (up to a maximum of \$400).
- Candidates must be currently enrolled in an accredited university pursuing an undergraduate or graduate degree with an ergonomics or safety focus.
- The scholarship recipient will be expected to attend the annual conference and present his/her research.

**Final Abstract/Paper
Submission Details**

- **Extended Abstract** (maximum of 2 pages)
- **Full length Paper** (maximum of 6 pages)

President & Conference Chair: Dr Rammohan V Maikala

Providence Regional Medical Center, Everett, Washington, USA

email: rammohan.maikala@providence.org

Abstracts/Papers will be published in the conference proceedings.

Copies of the CD will be available to all conference participants.

Check www.iso.es/info/ for more details on the Annual conference and Membership.



2016-2017 ISOES Officers



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Upcoming Conferences

January 5-6

Semiahmoo Symposium on Environmental Occupational and Public Health, Semiahmoo Resort (Blaine, Washington)

March 5-8

International Symposium on Human Factors and Ergonomics in Health Care, New Orleans, Louisiana

March 9-10

19th International Conference on Occupational Health and Safety, Miami, Florida

March 27-30

Applied Ergonomics Conference, Orlando, Florida

June 1-2

The International Society for Occupational Ergonomics and Safety Annual Conference, Seattle, Washington

Contact: Ram Maikala for more information.

June 19-22

ASSE Professional Development Conference & Exposition, Denver, CO 80202

September 3-6

XXI World Congress on Safety & Health at Work, Singapore.

October 9-13

61st Annual Human Factors and Ergonomics Society Conference, Austin, Texas

