A Scholarly Magazine of the Decision Sciences Institute

Vol. 49, No. 3 MAY 2018

DECISION LINE

ANNUAL MEETING

SPECIAL REPORT



DSI 2018 Annual Meeting Update

Subodha Kumar

Changes are taking place as the DSI Annual Meeting evolves to better meet the needs and requests of the DSI community. As usual the three-day program will officially begin on Saturday morning, however an off-site excursion is being planned for Friday. Details to come soon. >>



Authorship Credit: Thoughts for PhD Students and Faculty Mentors

Viswanath Venkatesh

For all the hard work that PhD students and their collaborators, especially faculty members, put into research endeavors, authorship credit is vital to job searches, annual performance reviews, and may be even promotion and tenure. This brief is meant to be an education for PhD students about authorship and some guidelines that could be employed by faculty collaborators (or mentors or advisors) and PhD students to determine appropriate authorship credit.. >>



DSI Announces New Award

Johnny Rungtusanatham

The Board of Decision Sciences Institute is pleased to announce establishment of the Decision Sciences Institute Lifetime Distinguished Educator Award. The purpose of the award is to recognize exceptional contributions to teaching and learning in the disciplines of decision sciences during one's career. Nominations for this new award, that will be presented at the 2018 Annual Meeting in Chicago, will be accepted until July 1.

FEATURES

- 3 President's Letter
 1st Message from new DSI President
 Rungtusanatham
- 4 From the Editor

 Maling Ebrahimpour provides an overview
 of this issue.
- 8 Doctoral Issue
 "Authorship Credit: Thoughts for PhD
 students and Faculty Mentors"

SPECIAL REPORTS

- 15 DSI Announces New Award
- **16** DSI 2018 Annual Meeting
- 23 In Memoriam
- 24 Latta Call for Nominations
- **25** From the Regions EDSI
- **27** From the Regions MWDSI
- 28 From the Regions NEDSI
- **30** Regional Officers
- **32** Open Academic Positions
- 33 Past Presidents
- 34 DSI Fellows
- 35 Calendar
- 35 DSI Membership Rates

2017-2018 DECISION SCIENCES **INSTITUTE OFFICERS**

President

M. Johnny Rungtusanatham, The Ohio State University

President Elect

Janet Hartley, Bowling Green State University

Immediate Past President

Jatinder (Jeet) N. D. Gupta, University of Alabama in Huntsville

Vice President for Finance (Treasurer) Alan Mackelprang, Georgia Southern University

Anand Nair, Michigan State University

Functional Vice Presidents:

Vice President for Global Activities Wendy Tate, University of Tennessee - Knoxville

Vice President for Marketing Srinivas Talluri, Michigan State University

Vice President for Member Services Shanan Gibson, Texas A&M University

Vice President for Professional Development Sriram Narayanan, Michigan State University

Vice President for Publications

Sriram Narayanan, Michigan State University

Vice President for Technology Natalie Simpson, University at Buffalo-SUNY

Vice President for the Americas Division

Vijay Kannan, Utah State University

Vice President for the Asia-Pacific Division Ravi Kumar Jain, Symbiosis Institute of Business Management, Hyderabad Campus

Vice President for the European Division Carmela di Mauro, Università di Catania

Executive Director

Vivian Landrum, University of Houston

Decision Sciences Journal Co-Editors Cheri Speier-Pero, Michigan State University Mark Ferguson, University of South Carolina

Decision Sciences Journal of Innovative Education

Matthew Drake, Duquesne University

Decision Line **Editor** Maling Ebrahimpour, University of Rhode Island

2018 Program Chair

Subodha Kumar, Temple University

2018 Associate Program Chairs

Carmela Di Mauro, University of Catania Kevin Linderman, University of Minnesota

Annual Meeting Webmaster and CMS Manager Stephen Ostrom, Arizona State University

Regional Presidents

Asia-Pacific

Tritos Laosirihongthong, Thammasat University, Thailand

European

Gyula Vastag, Szechenyi University, Hungary

Indian Subcontinent

Abhijeet K. Digalwar, Birla Institute of Tehnology & Science, Pilani

Midwest

Peggy Daniels Lee, Indiana University - India-

Northeast

Pedro Reyes, Baylor University

Southeast

Reza Kheirandish, Clayton State University

Southwest

Mark McMurtrey, University of Central Arkansas

Western

Albert Huang, University of the Pacific

DECISION LINE is published five times a year by the Decision Sciences Institute to provide a medium of communication and a forum for expression by its members, and to provide for dialogue among academic and practitioner members in the discipline. For more information about the Institute, please call 713-743-4815.

News Items: Send your news items and announcements to the editor at the address below.

Advertising: For information on agency commissions, annual contract discounts, and camera-ready copy, contact the managing editor. Market- place classifieds (job placement listings) are \$60 per 50 words.

Membership Information/Change of Address: Contact the Decision Sciences Institute (DSI), University of Houston 4750 Calhoun Rd, Room 325A, Houston, TX 77204-6021; Phone: 713-743-4815, info@decisionsciences.org

Website: Decision Line feature articles and more information on the Decision Sciences Institute can be found on the DSI website at www.decisionsciences.org

Editor: Maling Ebrahimpour, College of Business Administration, The University of Rhode Island, 7 Lippitt Road, Kingston, RI 02881; mebrahimpour@uri.edu

President: M. Johnny Rungtusanatham, The Ohio State University

Executive Director: Vivian Landrum, University of Houston; vlandrum@bauer.uh.edu

ISSUE MONTH DEADLINES FOR AUTHORS January issue December 10th (prior year) March issue February 10th April 10th Mav July issue June 10th September 10th October issue

VISION STATEMENT

Decision Sciences Institute will be recognized globally as a scholarly professional association that creates, develops, fosters and disseminates knowledge to improve managerial decisions.

MISSION STATEMENT

Decision Sciences Institute provides forums to create, disseminate and use knowledge to improve managerial decision making involving systems and people.

PRES

Johnny Rungtusanatham 2018-2019 DSI President rungtusanatham.1@ osu.edu (614) 292-0680

Dear Colleagues:

I write, as I begin my term as President of DSI, for two reasons. One to encourage you to read the latest versions of *Decision Line*, which highlight the progress that DSI has made under the Board leadership of my predecessor, Professor Jeet Gupta from the University of Alabama in Huntsville. Two, to share the agenda for DSI in the upcoming year.

Penning this communique at the onset of a DSI President's term is very much a tradition. I promise to write again in July 2018, October 2018, January 2019 and March 2019 to update you on DSI's implementation of a recently-adopted strategic plan (click here to learn more about the strategic plan: https://decision-sciences.org/discover-dsi/governance/strategic-plan/), as well as emerging opportunities and challenges that DSI may be facing.

WHO ARE WE AS DSI?

But, before going further, it may be apropos for me to begin by answering an elusively-simple question: "Who are we as DSI?"

My answer is as follows: DSI came into existence almost half a century ago to be "a community of scholars, educators, and problem-solvers," welcoming as members all who wish to discover and convey scientifically-constructed actionable knowledge to impact real-world organizational problems. The annual conferences of DSI and its regional meetings in the US and globally are where we — scholars, educators, problem-solvers — voluntarily congregate for friendship, intellectual debate, free exchange of ideas, and professional growth. Moving forward, the Board, the Home Office, and I will work to foster and strengthen this appreciation and brand of DSI.

WHERE IS DSI NOW?

DSI is one year shy from the half-century mark. Since

its establishment, DSI has witnessed the emergence of new discipline-oriented, competitive professional societies and the budgetary constraints that force us to make difficult choices. The fact that DSI is a mature society operating under 1970s policies and procedures made DSI less nimble and, quite often, hampered its ability to serve members.

The good news is that the Board of DSI, as far as I can remember from being on the Board since 2006, has been working and will continue to address these challenges. Many of these that have plagued DSI during the last decade are now being resolved or finding pathways to resolution. For this progress, I generously thank the previous Boards and leadership for all that has been accomplished. Today, DSI is stronger but, to be honest, not strongest yet.

- Membership today stands at approximately 1600, with a healthy portion being doctoral students and early-career professionals. DSI will need to further invest in this member sector by providing them valued professional opportunities at the annual conference and regional meetings.
- The Home Office has stabilized under the capable leadership of Vivian Landrum. Please remember, however, that the Home Office is still very lean, with only two full-time employees (Vivian Landrum and Yolanda Matthews) catering to many demanding stakeholders. As DSI continues its journey, wise investments will have to be made to increase Home Office capabilities and resources.
- Accounting processes for DSI and between DSI
 and regions are finally becoming more seamless
 and transparent. For those who do not know, this
 effort began earnestly three years ago. The Home
 Office is now able to efficiently handle financial
 transactions on behalf of regions and provide upto-date registration revenue and expense information for regional meetings. Some regions are
 already utilizing the conference management and
 registration systems via DSI's new contracts and
 saving money as a result.



Maling Ebrahimpour is the Dean and Professor of Supply Chain in the College of Business Administration at The University of Rhode Island. He is an active researcher and has authored or coauthored over 100 articles that have been published in scientific journals and proceedings. Most of his work focuses on various issues of quality in both service and manufacturing companies. He received his PhD in husiness administration from University of Nebraska-Lincoln and has served on the editorial review board of several journals, including Journal of Ouality Management. Journal of Operations Management, and International Journal of Production Research. mebrahimpour@uri.edu

Welcome to this issue of Decision Line. In this issue, in addition to the letter from the president, you will find interesting articles and news that you, as our membership, will find of value.

Johnny Rungtusanatham has written his first letter to you as the President of DSI. In his letter, he touches on two reasons to read this issue. These are: a) to learn about the highlights of progress made at the board on behalf of DSI members, and b) to learn about his agenda as the president of DSI for this year. He shares with you the current status of DSI and encourages all to participate in various activities particularly at the annual conferences.

Under the Doctoral Issue, Viswanath Venkatsch provides an excellent write up about "Authorship Credit: Thoughts for PhD students and Faculty Mentor." First, he defines "Authorship" using various published sources and discusses principles governing authorship credits. Next, he discusses what constitutes substantial contribution and provides ideas on how to define it. Finally, he makes a few suggestions for PhD directors to educate students about authorship. At the end of his article, he provides a table that succinctly summarizes his ideas in a very easy to read table that anyone can follow. I encourage all doctoral candidates and all faculty who aspire to serve as mentors or program directors to read this insightful piece.

A new award titled "Decision Sciences Institute Lifetime Distinguished Educator Award" is announced. Please read more about it in this issue and if you know of anyone worthy of this award you may want to nominate them. In addition, nominations are being accepted now for the Carol J. Latta Memorial Award for Outstanding Early Career Scholar. Eligibility criteria, deadline and submission information are offered. Please nominate any DSI member who is in the early stages of their profession and is already an active member of DSI. Deadline for nomination is August 31, 2018.

A section of this issue is devoted to the upcoming

DECISION LINE FEATURE EDITORS:

Dean's Perspective, Maling Ebrahimpour, University of Rhode Island mebrahimpour@uri.edu

Doctoral Issues, Varun Grover, Clemson University, <u>vgover@</u> clemson.edu

Ecommerce, Kenneth E. Kendall, Rutgers, The State University of New Jersey <u>ken@thekendalls.org</u>

From the Bookshelf, Feature Editor TBA

In the Classroom, Kathryn Zuckweiler, Midwestern State University of <u>kathryn.zuckweiler@mwsu.edu</u>

Analytics and Data Science, Subhashish Samaddar, Georgia State University, <u>s-samaddar@gsu.edu</u>

Information Technology, Silvana Trimi, University of Nebras-ka-Lincoln, <u>silvana@unl.edu</u>

In the News, Vivian Landrum, Decision Sciences Institute, vlandrum@bauer.uh.edu

International Issues, Minoo Tehrani, Roger Williams University, mtehrani@rwu.edu

Membership Roundtable, Gyula Vastag, National Szechenyi University gvastag@gmail.com

Supply Chain Management, Daniel A. Samson, University of Melbourne, Australia <u>d.samson@unimelb.edu.au</u>

Research Issues, Mahyar Amouzegar, University of New Orleans, mahyar@uno.edu

Annual DSI Conference in Chicago. Please read this section and I am sure you will find areas of interests that you may be encouraged to participate in this year's conference. Various consortiums, interesting keynote speakers, a "mystery" speaker, as well as some ideas about what to do in Chicago are a few examples written up in this section.

We are saddened to inform you that an active and longtime member of DSI, Professor Benito Eusebio Flores, passed away in April 2018. Those who knew him will remember his friendly and smiling face, and one who was always ready to give a helping hand. We send our deepest sympathy to his family and to those whose lives he touched. May he rest in peace!

Updates from various DSI regions are presented in the next section of this issue of the Decision Line.

CONTINUED ON PAGE 7

- Attendance at the annual conferences is steadying at around 1200, with improvements to programming, social events, and other services. On programming, DSI will continue to elevate the rigor of presentations at the annual conference, control for no-shows, ensure that feedback during sessions are developmental, and expand activities and sessions aimed at professional growth as scholars, educators, and problem-solvers. With respect to social events, DSI has worked consciously to provide better evening receptions, meals, and morning breakfast breaks. Having said that please understand that there will inevitably be variability year-to-year in terms of the quality of such offerings as some locations and venues are simply more expensive than others.
- Relationships with regions are improving as DSI leaders listened more intensely to one another, engaged in intellectual as opposed to territorial debates, and wore "the other person's shoes" to seek compromises. DSI has been and remains committed to strengthening these relationships under three guiding principles:

For the upcoming year, not only will DSI continue ongoing work from the previous administration, but DSI committees and individuals will also be asked to implement suggested activities culled from previously-commissioned reports, . . .

- Principle 1: Whatever activities DSI and regions decide to engage in, these should be mutually-beneficial not only to both DSI and regions but also across regions.
- Principle 2: As DSI and regions work to provide value to members, substantive and meaningful presence, for both parties, should be fostered and supported for mutual understanding.

- Principle 3: Before finalizing any decision for any activity, there should be genuine efforts to enhance coordination between DSI and regions and among regions to avoid territorial and programmatic conflicts.
- Finally, DSI has been caught in the conundrum of having to abide by 1970s Constitution and Bylaws, as well as an unwieldy dissertationlike Policies and Procedures manual. Genuine efforts to revise the Constitution to allow for greater flexibility, to work more efficiently and effectively with regions, and to expect organic growth and technological advances began several Boards ago and are now coming to a conclusion. The Constitution and Bylaws revisions are being vetted by a lawyer in Georgia, where DSI is incorporated. In the near future, DSI will be reaching out more formally to ask for your ratification. Similarly, DSI began this past January to revise and modernize its policies and procedures for greater efficiency and effectiveness. This task is in progress and will continue to be a focus of the Board this year.

WHAT IS MY AGENDA?

As President of DSI, I work with the Executive Committee to nominate members who volunteer for committees and, more importantly, to provide charges for committees and other individuals to accomplish. For the upcoming year, not only will DSI continue ongoing work from the previous administration, but DSI committees and individuals will also be asked to implement suggested activities culled from previously-commissioned reports, particularly those that align well with the three "thrust areas" in the strategic plan:

- With respect to strengthening structural, organizational, and programmatic ties with regions,
 DSI committees will be asked to:
 - 1. Create, support, and potentially launch in time for the 2018 Annual Conference of DSI.

- a "Regional Best Paper Presentations at the DSI Annual Conference" session.
- Seat the Finance and Investment Committee with duly-elected regional Treasurers so as to provide regions with direct review and visibility of DSI and regional financials and audits.
- Work with regions to establish policies and procedures to support regional leader(s) to attend the annual conferences of DSI. [As an aside, DSI will be affirming its financial allocation in the budget to enable an Executive Committee member to officially attend and represent DSI at regional meetings.]
- Examine how best to organize and manage the international regions to avoid confusion

The ... listing highlights some of the initiatives on my agenda. Once the Board approves committees and charges in late April, this information will be made public.

between a US-based region like MWDSI and one that consists of multiple countries like EDSI.

- With respect to membership recruiting and retention and annual conference programming, DSI committees will be asked to:
 - Create, support, and announce one-two honorees for a new award that recognizes distinguished educators; this award ideally complements the current portfolio of DSI recognitions and honors.
 - Provide draft content to support membership recruitment and retention activities. Such content can be hosted on DSI webpages, as

well as printed on a one-page fact sheet or a high-gloss recruitment brochure.

- Restructure and provide mission-targeted programming for the New Member Welcome Reception held at the DSI annual conference.
- 4. Transition the "Conference Buddy" initiative into a "Mentor-Mentee" program that is rewarding for both the mentor and his or her one mentee, taking advantage of the potential to set aside a designated "member lounge" area at the annual conference.
- With respect to the annual conference, DSI committees will be asked to:
 - 1. Evaluate, select and then implement a webbased conference schedule app.
 - Formalize an annual conference structure that aligns with the Institute's publication and membership profile.
 - Identify and recommend new professional development tutorials, workshops, and sessions and intellectual leaders that help us become better scholars, educators, and problem-solvers. DSI annual conferences, regional meetings, and journals can then consider and commission these tutorials, workshops, and sessions.
 - Implement a professional visit to one or more interesting sites as part of the DSI annual conferences.

The above listing highlights some of the initiatives on my agenda. Once the Board approves committees and charges in late April, this information will be made public. For those interested, please click this link, https://decisionsciences.org/discover-dsi/mission-vision/committees/, after May 15.

By the way, you may be curious as to why I am not highlighting charges related to elevating DSI journals, something that we have done year after year. To me, there is no need to charge DSI journal editors with this goal; they already embrace this goal wholeheartedly. Moreover, getting DSI journals on some listing or ranking does not happen in a year. It is a sustained effort of doing what journal editors are supposed to do — i.e., source good submissions; provide timely, constructive, and fair feedback; and develop risky submissions whose results and conclusions can potentially alter science and practice. What DSI can and must do is help journal editors with the sourcing and reviewing.

TIME TO CONCLUDE?

I set out, with the best intentions, to write you a short letter. I realize it is not short at all but hope that the conversational style makes reading this more bearable. I had much to share and look forward to more progress updates in my future correspondences.

In the meantime, please mark your calendars to join me and other colleagues at the 2018 Annual Conference of DSI in Chicago, IL. Professor Subodha Kumar (Temple University) and his team are hard at work to make the conference another memorable one; Chicago is a great city (for more information, please see https://decisionsciences.org/annual-meetings/national-dsi/). Indeed, some of the initiatives above I

am optimistic will be showcased at that time.

Equally important, mark your calendars for the 2019 Annual Conference of DSI in New Orleans, LA. Next year, DSI will celebrate 50 years and the past three DSI Boards have been setting aside funds to make next year a celebration to remember. Professor Kevin Linderman (University of Minnesota) has agreed to serve as the 2019 program chair and is already assembling his team. For those of you who wish to become involved, please email Kevin to volunteer your service; Google can easily find Kevin's email for you. If you are shy about cold-emailing Kevin, then please email me (see below) and I will be happy to recommend you to Kevin. Of course, if you are really shy, then drop the Home Office an email, I know that both Yolanda and Vivian would love to hear from you.

Sincerely,
Johnny Rungtusanatham
2018-2019 DSI President
rungtusanatham.1@osu.edu
(614) 292-0680

CONT. FROM PG. 4

You will learn about a lot of interesting activities that different regions are undertaking and what is happening in many DSI regions. Finally, those who are interested and are looking for a job, you can find a page that lists opportunities available in different universities. I encourage you, our reader, to share your opinions, ideas with us by writing and sending it to me at mediatrice.

I am looking forward to reading your articles for inclusion in Decision Line.

Maling Ebrahimpour, PhD
Editor
College of Business
The University of Rhode Island

DOCTORAL ISSUE

AUTHORSHIP CREDIT: THOUGHTS FOR PHD STUDENTS AND FACULTY MENTORS

By Viswanath Venkatesh, University of Arkansas

May 8, 2018

For all the hard work that PhD students and their collaborators, especially faculty members, put into research endeavors, authorship credit is vital to job searches, annual performance reviews, and may be even promotion and tenure. This brief is meant to be an education for PhD students about authorship and some guidelines that could be employed by faculty collaborators (or mentors or advisors) and PhD students to determine appropriate authorship credit. I do not intend for this brief to get into a discussion about the philosophies underlying authorship on papers from PhD dissertations but rather to share some thoughts and guidelines about collaborations between PhD students and their faculty mentors.

This brief was inspired by a panel in which I participated that included my University of Arkansas' colleague, department chair and Bradberry chair, Dr. Rajiv Sabherwal, and our information systems PhD program director, Dr. Pankaj Setia—and an invitation by Dr. Varun Grover to share some thoughts on the topic that would benefit PhD students in particular. The panel discussion was free-flowing and I felt that, although useful, it would be too adhoc to form the basis of a structured article that put forth some principles and guidelines. Of course, as someone who has been involved in PhD education for over two decades, I had some strong views on it that surely come through in this brief. I felt a good starting point was to research what's out there on this topic. I did a preliminary search and found several articles emerging from journals in medicine and allied disciplines. I then asked a PhD student/ graduate assistant, Hamid Nikkhah, to conduct the search and share the articles with me. Note: In part,

Viswanath Venkatesh, who completed his PhD at the University of Minnesota, is a Distinguished Professor and Billingsley Chair at the University of Arkansas. He is widely regarded as one of the most influential scholars in business and economics, both in terms of premier



journal publications and citations (e.g., Thomson Reuters' highlycited.com, Emerald Citations, SSRN). His research focuses on understanding the diffusion of technologies in organizations and society. His favorite project focuses on improving the quality of life of the poorest of the poor in India—which he has presented in various forums including at the United Nations. The sponsorship of his research has been about US\$10M. His work has appeared in leading journals in human-computer interaction, information systems, organizational behavior, psychology, marketing, medical informatics, and operations management. His works have been cited over 76,000 times (Google Scholar) and 21,000 times (Web of Science). He developed and maintains an IS research rankings web site that has received many accolades from the academic community including AIS' Technology Legacy Award. He has served in editorial roles in various journals. He is a Fellow of the Association of Information Systems and the Information Systems Society, INFORMS.

¹ I wish to thank Dr. Rajiv Sabherwal and Dr. Pankaj Setia for the opportunity to engage in a dialog about authorship. I appreciate the PhD students in the information systems department at the University of Arkansas for their questions and thoughts that spurred some ideas in this brief. I appreciate the assistance of Hamid Nikkhah, PhD student, in identifying articles related to authorship. I thank Dr. Arun Rai for his insightful comments and suggestions on earlier drafts. Finally, I thank Dr. Varun Grover for the opportunity to allow me to research and reflect on this important topic and for his comments and suggestions on this brief.

I mention these origins, inspirations and contributions to my thought process to note that it did not seem like these merited authorship credit, although they do merit acknowledgment for shaping my thinking. These articles, again primarily from journals in medicine and allied disciplines, with many from committees and/or editors' notes, led me to some interesting viewpoints on this topic.

I will open with a scope of this brief, especially to identify aspects related to the broad topic of authorship that I will not address. Following that, the structure of the rest of this brief is: (a) definition of authorship; (b) principles governing authorship credit; (c) thoughts about what constitutes substantial contribution; and (d) suggestions for PhD programs.

SCOPE OF THIS BRIEF

This brief focuses squarely on authorship credit, particularly in collaborations with faculty members. Authorship is a broad topic and there are several aspects to it as one progresses through one's career. After authorship credit, the next most general topic that has significant conversation is authorship order. I am specifically not addressing authorship order in this brief because it will require extensive treatment, especially given wide variations across fields—ranging from irrelevance in some fields (e.g., authorship is always alphabetical) to established norms (e.g., what forms the basis of first authorship) to appropriate ways of determining order of authors. Beyond authorship order, there are several issues related to authorship that merit discussion: evolving collaborations (as a student becomes a faculty member), long-standing collaborations (as a student becomes a more senior collaborator), one-off collaborations, contract killer collaborations (someone brought into do a specific task-e.g., a particular type of analysis—on a paper), collaborators dropping off, dyadic or triadic collaborations including

students, big team collaborations including students, and list goes on.

DEFINITION OF AUTHORSHIP

A precise definition of authorship is rather elusive and there are variety of definitions, with the richest ones articulating conditions that must be met to merit authorship. In keeping with this, Brand (2008, p. 1003) almost wistfully noted: "There is no universally agreed definition of authorship, although attempts have been made... As a minimum, authors should take responsibility for a particular section of the study." But, the most forceful attempts have been made by the International Committee of Medical Journal Editors, formally abbreviated as ICMJE (see Merrill 2015). The most recent of the ICMJE guidelines provide that all 4 of the following criteria need to be met: (1) substantial contributions to the

A precise definition of authorship is rather elusive and there are variety of definitions, with the richest ones articulating conditions that must be met to merit authorship.

conception or design of the work, or the acquisition, analysis, or interpretation of data for the work; (2) drafting the work or revising it critically for important intellectual content; (3) final approval of the version to be published; and (4) agreement to be accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved.

Upon reading these set of requirements, I was somewhat taken aback (Shaw 2011 offered a similar, perhaps even stronger, disagreement, albeit to an earlier set of guidelines from ICJME)—as I figured I did not deserve to be an author of some papers on which I am indeed listed as an author!

² The terms faculty members, mentors or collaborators are used somewhat interchangeably depending on the context of discussion

How could all authors be responsible for all parts of a paper? It seemed restrictive and a high ask—particularly, as one thinks about medical journals where the articles can often be fairly short and have a long list of authors. Indeed, as I delved deeper into the many thoughts on this topic in medical journals, it became apparent that the issues they face are more complex than perhaps what is typically encountered in the social sciences given the imperative for a lab and grants in the medical field, but some aspects do resonate with the social sciences, especially business, given the importance of data and data ownership in today's world of big data, purchased databases, and other proprietary sources of data available to a select few. Merrill (2015) noted that the Ecological Society of America (ESA) provides guidelines for authorship where any one of the following criteria is met: (1) conceived the ideas or experimental design; (2) participated actively in execution of the study; (3) analyzed and interpreted the data; or (4) wrote the manuscript.

There is a key difference between the ICJME and ESA criteria: AND vs. OR—all criteria vs. one of the criteria. Clearly, the latter definition (OR) is more inclusive in terms of what qualifies for authorship. Beyond this discussion, the social sciences have additional aspects that merit consideration for authorship—I will mention two of them here and address a larger set of issues in a section (later) on what constitutes substantial contribution: the role of ideas—perhaps unlike the medical sciences where studies tend to follow and build progressively, the social sciences may allow for significant ideation; and the role of theory and theoretical development—building theory is notoriously difficult and is a mix of art and science.

Beyond the issue of understanding what authorship is, it is important to recognize and avoid situations where some negative—read: unethical—behaviors surrounding authorship occur. These are: (1) gift authors and in some instances, these relate to guest authors; and (2) ghost authors (Hays 2010; Leopold

2013). Gift authorship, as the term suggests, is when someone receives authorship as a gift. This appears to occur in different situations and for different reasons—and the author who receives the gift is often a faculty member and typically a senior faculty member. The reasons appear to include respect, reputation (someone who may help the paper get accepted due to their name recognition). reciprocity (someone who is granted an authorship in exchange for reciprocally granting authorship on another paper—neither of which is deserved), and lab ownership, having grant money or financial resources or any resources (e.g., personnel) also appear to be reasons, although the latter set seems more likely an issue in the basic sciences, engineering and medicine. The matter of gift or guest appears to hinge more on the underlying reason for the authorship—but critically, both situations are when the person who is an author does not deserve to be an author. Ghost authors are those who, unfortunately, despite doing work and deserving of authorship do not actually receive the same. It is said to happen when students do a chunk of the work and/or writing but are not included as an author. Between gift vs. ghost authors, ghost authorship is a more serious problem because the cost to the ghosts—i.e., typically students—is much more serious in that they lose out on the benefits of work that they did perform.

PRINCIPLES GOVERNING AUTHORSHIP CREDIT

I offer five intertwined principles that should govern giving authorship credit:

Principle 1—[no abuse of] Power: As I contemplated key principles that should govern decisions surrounding giving authorship credit to PhD students, the first principle is vital and something we all know to be true: PhD students are at a distinct disadvantage and the power differential renders it nearly impossible for PhD students to get their due unless the faculty collaborators make it a point to give due credit to the students involved. Wagena

(2005, p. 308) put it nicely: "The integrity of publications depends above all on the professional commitment to truth and honesty of senior researchers, since it seems unlikely that junior researchers can have much influence on authorship decisions."

Principle 2—Honesty: Faculty collaborators should be honest. Honest throughout the process, that is. If the student is misled (even if implicitly or by observing other faculty-student collaborations) to believing authorship is coming and it does not, I would say that is dishonest too. If simple tasks (e.g., reference formatting, searches) are assigned and no expectations of authorship are created, that is honest. Perhaps the easiest way to ensure honesty is to inform the student [early] if authorship credit is coming or not, especially if it is not coming.

Principle 3—Fairness: Building on the principle of honesty is one of fairness. Substantial contribution should be fairly rewarded with authorship credit. Students should get credit when they deserve it and not receive gift authorship. Aside from these reasons for gift authorship mentioned earlier, one feeling that is prevalent is that students sometimes

Simply following orders without putting any thought into activities or simply following orders on activities that are devoid of any intellectual contribution is not a substantial contribution.

receive the gift of authorship to make their vita look stronger—although this may have benefits to the student (e.g., improve job prospects), advisor (e.g., better student placement) and even the institution based on the success of the student and faculty member, it is fundamentally unfair, unprofessional and, I would go so far as to say, unethical. Precious

little is gained, both for student and faculty collaborator if a student receives what is perceived as a gift authorship—as that would be harmful to the reputation of the student and the faculty member.

Principle 4—Generosity: Faculty collaborators should be generous. Not generous in terms of granting authorship when it is not deserved—that would neither be honest nor fair. But generous in creating conditions for students to learn and earn authorship credit by making a substantial contribution.

Principle 5—Time [isn't all that]: The flip side of being fair is that spending time alone does not mean authorship credit is deserved. By the very nature of the type of activities and stage of learning, PhD students typically spend a lot more time on a research project or paper than the faculty collaborator would. However, [a lot of] time spent is neither a necessary nor a sufficient condition for authorship—rather, again, it is about substantial contribution. There may be occasions where a faculty member spends but a few hours on the paper but because of expertise and experience can make critical contributions—e.g., appropriate story to tell, appropriate framing, appropriate theory to use, appropriate analysis—whose impact simply cannot be measured in terms of time spent.

THOUGHTS ABOUT WHAT CONSTITUTES SUBSTANTIAL CONTRIBUTION

A substantial contribution is about doing things that are crucial to a project/paper by engaging in activities that represent an intellectual contribution. Simply following orders without putting any thought into activities or simply following orders on activities that are devoid of any intellectual contribution is not a substantial contribution. Although it is difficult to exhaustively list all the activities that are and are not a substantial contribution, below are some activities that are typically a substantial contribution with some illustrations of exceptions within some of

CONT. FROM PG. 11 those activities:

 Ideas: Generating ideas for questions to pursue, identifying gaps, and delineating a framework that guides the inquiry, including theory, method

and/or analyses.

- Theory: The development of the theory components (especially hypotheses) is often be the difference between a publishable product or not and is thus a critical contribution.
- Designing and executing a study: Broadly speaking, the contribution here is to the method, be it a primary data collection or gathering data through secondary sources.
- 4. **Providing or collecting data**: This typically involves a resource and intellectual contribution to the data collection effort. However, simply following a protocol and gathering the data (e.g., overseeing a lab protocol in which the student does not participate in any intellectual part of the design, noted earlier) does not constitute a substantial contribution.
- 5. Analysis: Conducting the data analysis or engaging in analytical components—i.e., empirical or analytical modeling—can be vital if the student is engaging in some creative action. Simply following an analysis script and/or subsequently creating tables that go into a paper does not constitute a substantial contribution.
- 6. Writing a draft: I have always maintained that it is the best papers, not the best research, that get published. To me, this means writing the paper—actually, crafting the story—is a vital part. The student can a substantial contribution here—granted that it is quite likely that the story and framing are likely to be set up the more experienced, i.e., faculty member—by executing the vision effectively.
- 7. **Processing reviews and crafting a revision strategy**: Seldom does a paper make it into a
 journal as it is originally written. Revisions, and
 often many rounds of revisions, are essential
 to converting the initial paper into one that is
 accepted for publication. That transformation

involves carefully processing the reviews (including the editors' reports) and creating a revision strategy that can then be executed. It is nearly impossible to ever address all comments in all reviews, and sorting through them and developing the strategy/plan to create a revised, publishable paper (or one that moves in that direction) is perhaps even more difficult than writing the original paper. Students learn more than they contribute in this phase but as the execution of a revision strategy involves one or more of the previous six ways to make a contribution, a student can make a substantial contribution as a paper progresses through rounds of revision.

Beyond the above thoughts that directly relate to making a substantial contribution, there are three key things that may be revealing about whether a student has made a significant contribution—these may be tests that can be applied by the faculty collaborator and/or student, with those noted in 9 and 10 below being particularly subjective:

- 8. *Independence*: Did the student work on intellectual and/or important tasks independently?

 The independence aspect is crucial and may make authorship a given if that is the case.

 Decision making on key aspects comes with independence. As a student progresses through the PhD program, independence in key activities may be "allowed" by the faculty collaborator and a student may deliver.
- 9. A sense of pride: If a student expects to get credit, it should stand to reason that the student should take pride in the work that he or she has done, no matter what level the publication is—be it a regional conference or a premier journal publication. If the student does not feel pride, it may be that the contribution was not substantial.
- 10. A sense of ownership: Although it is nice if a student has a sense of pride surrounding a paper, more important in practical terms

is whether the student feels that he or she is simply part of a faculty member's paper, that may suggest the contribution is limited. But, if the role is substantial, the student will feel a sense of ownership of the paper such that he or she feels an ownership of at least part of the paper and is accountable for that part of the paper—credit comes with potential for blame and criticism: adapting the words of the legendary Stan Lee, "with great credit comes great responsibility." But a true sense of ownership [and pride] will make the student focus on most or all aspects of the paper and be interested in all aspects of the paper [regardless of what his or her role is] because that is how an owner would feel.

SUGGESTIONS FOR PHD PROGRAMS

PhD students are new to the world of academic articles and associated authorship. The following five suggestions are for PhD programs to educate students about authorship (students should feel free to suggest this to the faculty director of the program or a faculty member):

Suggestion 1—Readings about authorship: Students should read articles about authorship and understand what constitutes appropriate credit.

Suggestion 2—Foster discussions about authorship: Faculty members should foster a discussion and encourage students to ask questions to understand what constitutes authorship credit. The inherent nature of the power differential will typically make students reluctant to call for or participate in such discussions so faculty initiative is critical. Faculty members can also share their experiences and stories—both good and bad. Some articles have exercises (e.g., Shaw 2016; Zachariah et al. 2013) and those could serve as good learning tools to illustrate what constitutes substantial contribution and what does not.

Suggestion 3—Discuss authorship credit during collaboration endeavors: Faculty members should discuss authorship credit in their collaborations with students. This should happen throughout the course of the project and papers—say once every few months not only so the roles and responsibilities and concomitant credit is appropriately allocated, but also to help students understand authorship credit. In doing so, faculty members and PhD students will be well served to keep in mind the five principles and thoughts about substantial contributions that were discussed earlier.

Suggestion 4—Consider including statements about student contributions in papers: Perhaps controversial but specific statements about contributions made by PhD students in publications could be included as a legend in papers. For example, a statement could be: "Student X contributed to the collection and analysis of the data." Such statements may in fact help students because it will make their contribution both believable and delineate the basis of their authorship credit in the eyes of the world.

Suggestion 5—Encourage students to form their own philosophy: Through dialog and experiences, encourage students to form their philosophy about authorship. Although much has been written about authorship, surely, each of us has a view on what we believe constitutes authorship credit, which may or may not align with any specific view out there, and may actually be derived from an assortment of others' views and articles. Likewise, students should know that they have the right to form their views on authorship credit and, of course, recognize that it may evolve over time.

SUMMARY

The objective of this brief was to explain the concept of authorship by delineating some characteristics of when a PhD student (or anyone for that matter) deserves authorship on a paper. Noting that

this is accomplished when a substantial contribution is made, in addition to defining some characteristics of what constitutes a substantial contribution, some principles governing how faculty members should operate and some suggestions for PhD programs are offered. The Table summarizes the key points. Although the focus of this brief was on authorship credit for PhD students, students in particular should realize that collaborative works with faculty members, especially in the early stages of the program, are about

the learning experiences that they afford. Learning opportunities can create the conditions of long-term success such that authorship credit on one paper here or there in the early stages will hardly matter. That said, this is not to suggest that faculty members should not worry about giving students authorship credit—rather, faculty members should create conditions for students to earn authorship credit by making a substantial contribution while learning the skills needed for long-term success.

TABLE. SUMMARY

A 41 1.1	The state of the s						
Authorship credit	Requires making a substantial contribution						
Principles	Principle 1—[no abuse of] Power						
governing	Principle 2—Honesty						
authorship credit	Principle 3—Fairness						
	Principle 4—Generosity						
	Principle 5—Time [isn't all that]						
Thoughts about	1. Ideas						
what constitutes	2. Theory						
substantial	3. Designing and executing a study						
contribution	4. Providing or collecting data						
	5. Analysis						
	6. Writing a draft						
	7. Processing reviews and crafting revision strategy						
	8. Independence						
	9. A sense of pride						
	10. A sense of ownership						
Suggestions for	Suggestion 1—Readings about authorship						
PhD programs	Suggestion 2—Foster discussions about authorship						
	Suggestion 3—Discuss authorship credit during collaboration endeavors						
	Suggestion 4—Consider including statements about student contributions in papers						
	Suggestion 5—Encourage students to form their own philosophy						

REFERENCES

Brand, R. A. 2008. "Thoughts on Authorship," Clinical Orthopaedics and Related Research (466), pp. 1002-1005.

Hays, J. C. 2010. "A Primer on the Responsibilities and Abuses of Scientific Authorship," Public Health Nursing (27:6), pp. 471-473.

Leopold, S. S. 2013. "Research is a Team Sport: Updated Authorship Guidelines for CORR®," Clinical Orthopaedics and Related Research (471), pp. 701-702.

Merrill, E. 2015. "Sensitivity and Integrity of Authorship," The Journal of Wildlife Management (79:2), pp. 171-173.

Shaw, D. 2011. "The ICMJE's Definition of Authorship is Illogical and Unethical," British Medical Journal (343:d7192), pp. 1-2.

Shaw, D. 2016. "The Trojan Citation and the "Accidental" Plagiarist," Bioethical Inquiry (13), pp. 7-9.

Wagena, E. J. 2005. "The Scandal of Unfair Behaviour of Senior Faculty," Journal of Medical Ethics (31:5), pp. 308.

Zachariah, R., Reid, T., Van den Bergh, R., Dahmane, A., Kosgei, R. J., Hinderaker, S. G., Tayler-Smith, K., Manzi, M., Kizito, W., Khogali, M., Kumar, A. M. V., Baruani, B., Bishinga, A., Kilale, A. M., Nqobili, M., Patten, G., Sobry, A., Cheti, E., Nakanwagi, A., Enarson, D. A., Edginton, M. E., Upshur, R., and Harries, A. D. 2013. "Applying the ICMJE Authorship Criteria to Operational Research in Low-income Countries: The Need to Engage Programme Managers and Policy Makers," Tropical Medicine and International Health (18:8), pp. 1025-1028

DSI ANNOUNCES NEW AWARD

by Johnny Rungtusanatham, DSI President

The Board of Decision Sciences Institute is pleased to announce establishment of the **Decision Sciences Institute Lifetime Distinguished Educator Award**. I want to thank Albert Huang, Nada Sanders, and Jan Hartley for serving on the ad hoc committee that developed the award criteria and process.

Nominations for this new award, that will be presented at the 2018 Annual Meeting in Chicago, will be accepted until July 1, 2018. A complete nomination package must be submitted electronically to Jan Hartley (jhartle@bgsu.edu) by July 1. Self-nominations are welcome.

PURPOSE OF THE AWARD

The purpose of the award is to recognize exceptional contributions to teaching and learning in the disciplines of decision sciences during one's career. Contributions include:

- Innovations in teaching methods, course design, curriculum design, and/or assessment.
- Contributions that improve the effectiveness of teaching and learning of decision sciences disciplines within the profession.
- Sustained, high levels of teaching effectiveness enabling students to achieve academic success.
- Supporting and mentoring students for academic and/or professional growth.
- Sustained personal professional development.

QUALIFICATIONS

Recipients should have at least 20 years of teaching experience at the college or university level and have been continuous member of the Decision Sciences Institute for at least the last five years prior to the nomination.

Members of the DSI Board are not eligible during their term on the Board.

NOMINATION PROCEDURES

Any DSI member may nominate another member. Self-nominations are accepted.

The application packet must include:

- 1. A letter of nomination not to exceed 3-pages that summarizes the nominee's qualifications.
- 2. Current curriculum vita
- Evidence of sustained contributions during one's career of: Innovations in teaching methods, course design, curriculum design, and/or assessment.
- Publications including research articles, books, case studies, teaching briefs, and other teaching materials, presentations, workshops, and/ or other dissemination of teaching and learning contributions to the profession.
- Peer evaluations, student teaching evaluations, teaching awards and/or other evidence of highlevels teaching effectiveness.
- 6. Indicators of student success.
- At least one letter from a former student as to what influence the nominee has had in his/her academic and/or professional growth.
- Other letters of support from students, alumni, colleagues, or academic administrators if desired.
- Evidence of continuous professional development in teaching and learning.

Jan and her committee look forward to receiving nominations and choosing the first recipient of this prestigious award. If you have any questions, please contact Jan Hartley at jhartle@bgsu.edu.

DSI 2018 ANNUAL MEETING

Subodha Kumar DSI 2018 Program Chair

DSI 49TH ANNUAL MEETING

ROLE OF DATA AND DECISION
ANALYTICS IN GLOBAL OPERATIONS

NOVEMBER 17 – 19, 2018

HILTON CHICAGO, CHICAGO, IL

We cordially invite you to join DSI, the global community of scholars in the decision sciences, in debating key issues for the future of business. Come and share your views with experts from the six continents!

CHANGES TO PROGRAM SCHEDULING

Changes are taking place as the DSI Annual Meeting evolves to better meet the needs and requests of the DSI community. As usual the three-day program will officially begin on Saturday morning, however an off-site excursion is being planned for Friday. Details to come soon. The President's Reception and Awards Banquet will take place on Sunday evening, moving from the Monday evening timeslot in past years. In addition, the Fellows Luncheon will move from Sunday to Monday, with a guest speaker to entertain and educate. The New Member and Welcome Receptions will remain in their original timeslots for Saturday evening. Also, as in the past, registration will open at 12 noon on Friday, November 16 but will open one hour before the first scheduled session on Saturday, November 17.

MOBILE CONFERENCE APP

DSI will be utilizing the Ex Ordo mobile conference app that will allow attendees to make connections



before the annual meeting, create your own personal itinerary, view up to date schedules and receive instant push notifications should plans change. WIFI not available? Not a problem as schedules remain accessible. More details on how/when to upload coming soon.

SUBMISSIONS ARE NOW BEING ACCEPTED

DSI is now using Ex Ordo as our conference management system, therefore even if you have submitted to a DSI conference in the past, you will need to create a new account in order to submit this year. Please visit https://decisionsciences.org/annual-meetings/national-dsi/submission-instructions/ for detailed submission information.

DEADLINES

Full Paper Deadline: May 30th 2018
Abstract Deadline: June 15th 2018
Panel Proposal Deadline: June 15th 2018
Workshop Proposal Deadline: June 15th 2018
Award Competition Deadline: June 15th 2018

Tracks

We would like to invite full papers, abstracts, and panel proposal submissions focusing on developing new knowledge across all functional areas of business and curriculum. Papers in these tracks are ideally positioned for publication consideration by



Subodha Kumar, Temple University, Program Chair

Decision Sciences Journal and the Decision Sciences Journal of Innovative Education plus other high impact business journals and business education journals. Panels in these tracks focus on identifying emerging research topics, identifying leading edge issues, topics, and methodologies.

Accounting

Big Data Applications in Logistics and Supply Chains Business Analytics

Cyber Security

Decision Sciences in Practice

Finance and Economics

Global Operations

Healthcare Management

Information Systems and Technology

Innovation and New Product Development

Innovative Education and Teaching

Logistics and Transportation Management

Managing Risk in Supply Chains

Manufacturing and Production Management

Marketing and Consumer Behavior

Operations and Supply Chain Management in Emerging Economies

Organizational Behavior and Human Resource Management

Procurement and Sourcing in Supply Management

Project Management

Quality Management and Lean Operations

Revenue Management

Service Systems and Operations

Social Media and Internet of Things

Strategic Management

Supply Chain Management

Sustainability, CSR, and Humanitarian Operations

Special Interest Groups

Data, Analytics and Statistics Instruction (DASI)

Workshops

The 2018 DSI Annual Meeting offers many professional development workshops intended to help attendees become better researchers, teachers, administrators, and professional service volunteers. In

addition to submitted workshops, highlighted below, are some of the exciting Workshops you do not want to miss in Chicago. Workshop leaders have been asked to make these sessions as interactive and hands-on as possible.

Behavioral Research and Experimentation in Operations Management

Paradigms for Parity in Advancing Women Leadership in Supply Chain and Operations Management

Communicating Business Analytic Results to C-Suite Managers

Best Practices in Planning a US Regional DSI Conference

How to Review to Become an Editor for a Journal

How to Publish in Top Tier Journals

Meet the Editors of DSI Journals

Meet the Editors of Non-DSI Journals

Publishing in DSJ Workshop

Awards Competitions

Best Student Paper

We have four Awards Competitions at the 2018 Annual Meeting of DSI in Chicago, Illinois (USA). The Best Paper Awards finalists will be chosen by the 2018 Track Chairs. Four winners from each of the following categories will be announced at the 2018 Annual Meeting of DSI in Chicago, Illinois (USA): Best Theory-Driven Empirical Research Paper Best Analytical Research Paper Best Application Paper

Other Awards are directly submit-able. For more general information and detailed submission criteria for each award competition listed below go to the conference website:

Best Teaching Case Studies Award – *note deadline of May 30 for submissions*

Elwood S. Buffa Doctoral Dissertation Award – *note*

deadline of June 15 for submissions

Instructional Innovation Award Competition – *note* deadline of May 30 for submissions

Consortium

We are again continuing the Post-Proposal PhD, Pre-Proposal PhD, New Faculty Development, and Mid-Career Faculty Development Consortia in 2018. Below is the list of Consortia.

Post-Proposal PhD Consortium
Pre-Proposal PhD Consortium
New Faculty Development Consortium
Mid-Career Faculty Development Consortium

To apply for participation consideration, send an email to conference@decisionsciences.org by October 1. Visit the conference website for more details.

Keynotes

Professor David Simchi-Levi, Professor of Engineering Systems at Massachusetts Institute of Technology and the Co-Director of Leaders for Global Operations, is one of several keynote speakers planned for the Annual Meeting. His presentation is entitled: Online Resource Allocation with Applications to Revenue Management. Following is his abstract for this presentation:

"Online resource allocation is a fundamental problem in OR and CS with applications such as offering products to customers, distributing jobs to candidates, assigning advertisers to ad slots, and matching drivers to passengers. These problems can be abstracted as follows: there are fixed resources, each of which can be sold at multiple known prices. These resources must be allocated on-the-fly, without assuming anything about future demand. In this talk we cover the CS and OR literature on the problem and in particular focus on two techniques: exploration and exploitation methods, as well as competitive analysis.

In the latter case, we review new algorithms that achieve tight competitive ratios under the integral or asymptotic settings. Our algorithms are simple, intuitive and robust and our competitive ratios are provably optimal, for every possible set of prices.

In the former case, we discuss an efficient and effective dynamic pricing algorithm, which builds upon the Thompson sampling algorithm used for multi-armed bandit problems by incorporating inventory constraints into the pricing decisions. The algorithm proves to have both strong theoretical performance guarantees as well as promising numerical performance results when compared to other algorithms developed for the same setting.

Finally, we compare the performance of both techniques, exploration and exploitation methods and competitive analysis, with real-world and synthetic data from various retail applications."

His research currently focuses on developing and implementing robust and efficient techniques for logistics and manufacturing systems. He has published widely in professional journals on both practical and theoretical aspects of logistics and supply chain management.

Mystery Speaker

Due to the nature of the presentation, one of our speakers will need to remain anonymous until the program at the Fellows Luncheon on Monday, November 19. Our mystery guest speaker has presented more than 2,500 times over the last 30 years to audiences that have included such dignitaries as Bill Gates, President Clinton, the Prime Minister of Canada and to hundreds of Fortune 500 companies. The speaker will address how to succeed in challenging circumstances and achieve best outcomes while navigating difficult decisions. A national speaker and author, our mystery presenter will share veteran secrets for engaging an audience and captivating the attention of a group whether communicating with students, colleagues or employees. So be



Professor David Simchi-Levi, Professor of Engineering Systems at Massachusetts Institute of Technology and the Co-Director of Leaders for Global Operations

sure your departure plans allow you to participate all day Monday!

We look forward to seeing everyone at the DSI 2018 Annual Meeting in Chicago, Illinois (USA)! Stay tuned for updated information on various tracks, panels, workshops, keynotes, special events and activities!

The venue for the 2018 DSI Annual Meeting will be the Hilton Chicago Hotel, 720 S. Michigan Ave. This hotel is centrally located and offers excellent access to restaurants, tours and entertainment, as well as tourist attractions in Chicago.

Again, for more detailed information and submission instructions go to the <u>conference website</u>. I, along with the entire DSI 2018 Annual Meeting team, look forward to seeing you in Chicago!

HOST HOTEL - HILTON CHICAGO

The Hilton Chicago is offering DSI Annual Meeting attendees a group room rate for reservations between November 15 and November 21. To book a reservation call 312-922-4400 and reference Decision Sciences Institute or group code DSS, or visit the DSI

website for a direct link.

The Hilton Chicago is a Chicago landmark that overlooks Grant Park, Lake Michigan, and the Museum Campus. It is the third-largest hotel in Chicago by number of guest rooms; however, it has the largest total meeting and event space of any Chicago hotel. The hotel has housed every president of the United States since its opening in 1927.

Overlooking Grant Park, Lake Michigan, and Museum Campus, Hilton Chicago is in walking distance of Solider Field's games and concerts and the Pilsen neighborhood's bar and restaurant scene. Hop on the 'L' to Chinatown or simply absorb the arts featured in Wabash Arts Corridor. Easy walking distance to Buddy Guy's Legends, the premiere blues club in the world.

THINGS TO DO WHILE IN CHICAGO

Buddy Guy's Legends

A mere one block from the Chicago Hilton, Buddy Guy's Legends is renowned for its distinguished and innovative scheduling of local, national and international blues acts.

Since its opening in June of 1989, Legends has hosted some of the world's most talented musicians including blues greats such as Willie Dixon, Otis Rush, B.B. King, Johnny Winter, Stevie Ray Vaughn, Dr. John and Junior Wells. Rock and Pop stars have also graced the stage, including Bo Diddley, Eric Clapton, The Rolling Stones, ZZ Top, Lou Rawls, Gregg Allman, John Mayer and The Pointer Sisters.

Beyond the legendary performers on stage, a 'visit to a museum' also takes place as the walls are overflowing with a history of the



blues. Original artwork painted on the walls, records, photo albums and personal items from performers are on display. Buddy Guy's 50+ years in the music business earned him 34 Blues Music Awards, a Kennedy Center Honors and a Rock and Roll Hall of Fame statue. Don't miss the pair of shoes and scarf from Jimi Hendrix, gloves from Muhammad Ali or the world-renowned collection of guitars from B.B. King, Carlos Santana, Eric Clapton and Stevie Ray Vaughan.

The Art Institute of Chicago



Located in Grant's Park and only ½ mile from the hotel, the Art Institute of Chicago is one of the oldest and largest art museums in the United States. Its comprehensive, permanent collection of nearly 300,000 works of art is augmented by special exhibitions year round.

During your visit, be sure to seek out these six famous artworks on display: The Bedroom - Vincent van Gogh, A Sunday Afternoon on the Island of La Grande Jatte - Georges Seurat, Nighthawks – Edward Hopper, American Gothic – Grant Wood, Water Lilies – Claude Monet, and The Child's

Bath – Mary Cassatt.

Chicago Riverwalk

The Chicago Riverwalk offers a 1.25 mile long path along the main branch of the Chicago River. An open, pedestrian walkway, it offers restaurants, river tours and charters, public art, playscapes, museums and more. A great way to experience Chicago's beauty and culture, iconic architecture and wonderful food.

The Shedd Aquarium

The John G. Shedd Aquarium, a not-for-profit organization dedicated to public education and conservation, is known as "The World's Aquarium." Situated on Chicago's lakefront, Shedd is home to 32,000



animals representing more than 1,500 species of fishes, reptiles, amphibians, invertebrates, birds and mammals from waters around the world.

The aquarium's mission is to spark compassion, curiosity and conservation for the aquatic animal world. Today, this educational goal has gained urgency as more species acquire endangered status. Shedd Aquarium is committed to a number of projects designed to preserve threatened or endangered aquatic species.



CONFERENCE REGISTRATION

Registration Is Open – Register early to receive the best rate!



	Early	Regular	Late/Onsite	
Deadlines/Register By:	Sept. 14	Oct. 29	Oct. 30 - Nov. 19	
Regular Domestic/International	\$420	\$520	\$570	
Member				
Emeritus Member	\$200	\$225	\$250	
Student Member	\$125	\$150	\$175	

As a reminder, attendees of the DSI Annual Meeting are required to be Decision Sciences Institute members. For information to join or renew your DSI membership, please go to decisionsciences.org.

REMINDER - SUBMISSION DEADLINES

Full Paper Deadline	May 30, 2018		
Abstract Deadline	June 15, 2018		
Panel Proposal Deadline	June 15, 2018		
Workshop Proposal Deadline	June 15, 2018		
Award Competition Deadline	June 15, 2018		

REMINDER - MEMBER RENEWALS

You will need to login to your DSI membership account first to be able to register for the conference. If you have not yet created your DSI GrowthZone account, please do so. Remember, your old user name and password will not work.

To access GrowthZone for the first time members must first activate their account by doing the following:

- Go to the DSI website (<u>www.decisionsciences.</u> org.)
- Click on Member Log-In in the upper right hand corner.

- DO NOT enter a User Name or Password. At the bottom, click on Create an Account.
- 4. You will then be asked to enter your First Name, Last Name and email address. This will generate an email which will be sent to you within 30 seconds. This email will contain your user name and you can then create your new password. This will bring you into the new system. You will only have to do this the first time you enter GrowthZone.

Once you are in



Once you enter GrowthZone, edit/update any contact information we have on file for you. Do this via the My Info link on the left sidebar. There you can edit/add address, email, phone, Position/Title, Division, Region affiliation and Primary and Secondary Academic Interests. This information will be particularly useful as we move forward with our Colleges and Special Interest Groups. I urge you to update these fields, particularly the Division field, to enable you to vote for a VP for your division in the January Board election.

If your account is not current (e.g. you need to renew your membership), you should find an invoice located in your Account tab in the My Info section. If you have not been a member of DSI in the last 12 months, you will need to JOIN again. However, if you have been

a member in the past, your account information may be stored in the database. If your email address matches what GZ has on file, it will find your account. Contact the DSI Home Office with any questions – 713.743.4815 or email info@decisionsciences.org.

REMINDER - DSI 2018 ANNUAL MEETING MAKES CHANGES



When making your 2018 Annual Meeting travel plans, keep in mind the President's Reception and Awards Banquet will take place on Sunday evening, November 18 and the Annual Meeting Luncheon hosted by the Fellows will take place on Monday, November 19 – with our mystery guest speaker/entertainer. Be sure to attend both!



DR. BENITO EUSEBIO FLORES

Dear DSI Members:

We are saddened to deliver the news that one of our esteemed colleagues and DSI Fellow has passed, Benito Eusebio Flores. We convey the following, as written by Nezih Altay, PhD. DePaul University:

With deep sorrow, I wish to inform the community that Dr. Benito Eusebio Flores has passed away peacefully at home on April 25, 2018. He received his Bachelor



of Industrial Engineering from
Texas A&M University, followed
by his Master
and Doctorate in
Economics from
the University
of Houston. He
worked at Instituto Tecnologico

y de Estudios Superiores de Monterrey,

Alfa and Hylsa in Monterrey for the next 16 years. He found that he missed academia and returned to the United States to teach at Indiana University Bloomington for one year. He then joined the faculty at Mays Business School, Texas A&M University for the next 24 years. He taught internationally in various countries to enhance students' foreign education. He served as a tenured professor, as an assistant department head and was awarded the Tenneco Professorship. He chaired the International Committee of the Decision Sciences Institute and was awarded a Fellow as recognition for his involvement and service over a number of years. He was a member of the Global Manufacturing Research Group, Production and Operations Management Society, and retired in 2008 as a Professor Emeritus of Information & Operations Management at Texas A&M University.

He was a great mentor and a true gentleman. May he rest in peace.

CAROL LATTA MEMORIAL AWARD FOR OUTSTANDING EARLY CAREER SCHOLAR

DEADLINE: AUGUST 31, 2018

AWARD INFORMATION

The Carol Latta Memorial Award for Outstanding Early Career Scholar recognizes a scholar in the early stages of his or her career in the field of Decision Sciences and who has contributed to the Institute and its goals over the recent past. The award is presented at the Annual Meeting of the Decision Sciences Institute in November 2018. The awardee will receive a plaque and a \$500.00 honorarium.

ELIGIBILITY

To be eligible:

- A candidate being nominated must be a current member of the Institute in good standing who received his or her terminal degree (e.g., Ph.D., DBA, etc.) within the past five (5) years.
- The nomination should come from a faculty member or academic administrator who are also members of the Institute in good standing (no self-nominations).
- The nomination must include a recommendation letter on official university letterhead and a current curriculum vita (CV) of the candidate.
- The recommendation letter (no more than five pages) should explain why the candidate deserves to be recognized in terms of (a) impact of scholarship on the field of Decision Sciences, (b) excellence in teaching in the field of Decisions Sciences, and/or (b) contributions and service to the Institute.

SUBMISSIONS

The nomination letter and candidate CV should be emailed to info@decisionsciences.org with Carol Latta Memorial Award for Outstanding Early Career Scholar in the subject line. Once received, a confirmation email will be sent to both the nominator and the candidate to acknowledge receipt.

DEADLINE

All nominations must be received by August 31, 2018.

SELECTION COMMITTEE

The Selection Committee includes the:

- Immediate Past President (Selection Committee Chair)
- · VP for Member Services
- · VP for Professional Development
- VP for Global Activities
- · Recipient of the previous year's award

Decision Sciences Institute

C.T. Bauer College of Business 334 Melcher Hall, Suite 325 Houston, TX 77204-6021

Email: info@decisionsciences.org

Office: 713-743-4815 Fax: 713-743-8984

Web: www.decisionsciences.org

2018 ANNUAL EUROPEAN DSI CONFERENCE IN VENICE AND UDINE (ITALY)

3 - 6 JUNE 2018

DECISION SCIENCES FOR THE NEW GLOBAL ECONOMY

2018 EDSI conference is approaching. We are pleased to update the DSI community on this event.

CONFERENCE VENUE

The Conference will be hosted in two extremely attractive locations: Udine and Venice (Italy).

Venice is one of the best-known tourist destinations in the world. The city has an average of 18 million tourists a year thanks to its celebrated art and architecture.

Udine is a small historical town with several squares of Venetian style: from Piazza Libertà, defined as "the most beautiful Venetian square on the mainland", to Piazza Matteotti, all surrounded by porticos, and looking like an open-air lounge.



CONFERENCE THEME

The chosen conference theme is: "Decision Sciences for the New Global Economy".

Few decades of rapid globalization processes have dismantled previous business and institutional landscapes without proposing new effective orders. The horizon in front of us is confused: high disparities in wealth distribution, vulnerability of real economies to the movements of the financial markets, instability of the location advantages, and a generalized unemployment problem with relevant social sustainability consequences. The difficulty of governing processes that overcome the sovereignty of individual countries, and the weakness of supranational governments, explain why protectionist temptations are resurfacing not only in the Western context.



We live then a transition phase where companies and institutions are urged to rethink the conceptual models and the decision patterns so far used. The theme of the conference aims at exploring the future of globalization as we know it today, re-assessing the underlying theories and the relevant practices in both institutional and business environments, and providing innovative guidance to managerial and policy issues.

SPECIAL EXPERIENCES

The standard fee includes 2 lunches, 3 dinners, 4 coffee breaks with a prizewinning handmade Italian gelato (icecream) corner, a Italian wine tasting event, an Italian liquor tasting event, a Udine guided tour, transfers from Udine to Venice on June 6th.

VENICE TOUR (OPTIONAL)

This tour includes a marvelous gondola experience, the Doge's Palace and the Saint Mark's Basilica guided visit, the city tour and a lunch in Venice in a 5 star hotel facing Canal Grande.

The **gondola experice** will begin just behind Saint Mark's Square, following smaller but unbelievably beautiful secondary canals such as Rio dei Barcaioli where

The view of the Castle of Udine





the historical Mozart's home is located, and Rio dell'Ovo to reach the Grand Canal. Then, you will enjoy the spectacular view of the Rialto Bridge from the water, and to your left imposing palazzi such as Ca' Farsetti, seat of the municipal government, and Palazzo Grimani, the largest building overlooking the Grand Canal. The tour continues down Rio San Luca where it passes Palazzo

Manin, residence of the last doge of Venice.

Saint Mark's Basilica is the cathedral of the Roman Catholic Archdiocese of Venice. It is the most famous among the city's churches and one of the best-known examples of Italian-Byzantine architecture. The basilica started to be built in 1063. The upper levels of the interior are completely covered with ancient bright mosaics covering an area of about 8000 square meters.

Further information can be found at our website: http://www.edsi-conference.org/

Venice – A gondola quietly crossing a channel; in the backgroud the Realto Bridge.

MIDWEST DECISION SCIENCES INSTITUTE 2018 CONFERENCE REPORT

The MWDSI conference was held on April 12-14, 2018 at the Crowne Plaza Downtown Union Station in Indianapolis, Indiana. Total registrations for the conference was 93, with 78 submissions. The final proceedings should be completed by the end of May. Of the 89 attendees, 44 were undergraduate and graduate students, who presented their work rather than do poster sessions. A particular highlight of the conference was the tour of the Adidas manufacturing facility on April 12, 2018.

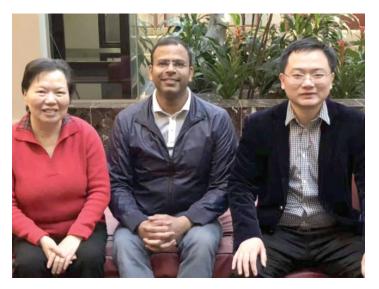
The Keynote Address on Friday, April 13 was made by Dr. Huifang Cheng, Professor and Dean of the Zhejiang University of Technology – College of Business and Economics. Dr. Cheng's topic was Trade, FDI, Industrial Structure and Business Cycle Co-Movements – Empirical Evidence from China and its Trading Partners. It sparked a lively conversation about Foreign Direct Investment in China by the United States and other western nations.



Tour of the Adidas Manufacturing facility. Conference Participants at Adidas.



Purdue Student Group Presentation



Dr. Huifang Chen, Keynote Speaker (Zhejiang University of Technology); Dr. Sanjay Kumar (Valparaiso University), 2018-19 Midwest DSI President and Dr. Bin Yu (Zhejiang University of Technology)

NEDSI 2018 ANNUAL MEETING INCORPORATES NEW COMPONENTS

The Northeast Decision Sciences Institute (NEDSI) 2018 Conference took place in Providence, Rhode Island, USA, April 12-14. The conference theme was "Making Global Local" and featured some new elements. It featured a famous keynote speaker at the Gala Dinner, Autism Activist and Animal Science Professor Temple Grandin of Colorado State University. Her topic was the "Autistic Mind" and featured recommendations on how to work with autistic students. For the first time, the public was invited to participate in the Gala Dinner. Dr. Grandin was made an Honorary Lifetime Member of NEDSI by the executive committee.

The NEDSI 2018 Conference included 237 registrations, with 158 presentations involving 323 authors from 66 different universities and organizations across 21 countries. Shaw K. Chen was awarded a NEDSI Lifetime Service Award by the ex-



Prof. Temple Grandin getting ready for her Keynote Address with the Program Committee

ecutive committee, and presented by DSI President Jeet Gupta. A new Best Conference Paper was awarded for the first time out of the normal award categories. The Meet the Editor Session was hosted by Theologos Homer Bonitsis, New Jersey Institute of Technology and John Malindretos, William Patterson University.

An undergraduate research poster com-



Faculty grade the undergraduate research posters

petition was held that involved 25 submissions and 69 student authors. Undergraduate students presented their work during coffee breaks and conference faculty were given 2 drink tickets for submitting ballots. Five awards were given for this session. The program committee piloted a new program book that was 5.5" x 8.5", instead of the normal 8.5"x11". Both sizes were available and about 50% preferred the smaller size.

At the board meeting Homer Bonitsis of NJIT tentatively agreed to be the 2020 program chair, and Dinesh Pai from Penn State – Harrisburg agreed to be 2021 program chair. Douglas Hales was made President-Elect beginning July 01, and Mehmet G. Yalcin agreed to be the treasurer beginning April 1, 2018. A new NEDSI website was debuted by VP of Technology, Koray Ozpolat.

Douglas N. Hales, NEDSI 2018, Conference Program Chair



Prof. Grandin and Program Chair Douglas Hales review undergraduate research.

Mehmet G. Yalcin, NEDSI 2018, Associate Program Chair and Local Arrangements Chair



Shaw Chen receives Lifetime Service Award from President Jeet Gupta.

OFFICERS OF OUR AMERICAS REGIONAL SUBDIVISIONS

MWDSI

President: Peggy Daniels Lee, Indiana University Purdue University – Indianapolis

Past President: Jaideep Motwani, Grand Valley State University

President-Elect: Sanjay Kumar, Valparaiso University

Secretary: Manohar Madan, University of Wisconsin – Whitewater

Treasurer: Jun He, University of Michigan – Dearborn

VP, Planning & Development: Jean Essila, Northern Michigan University

VP, Publications: Mark Dobeck, Cleveland State University

VP, Member Services: Xiangling Hu, Grand Valley State University

VP, Student Liaison: John Parente, Mercyhurst University

VP, Industry Liaison: Qiannong "Chan" Gu Ball State University

Archivist: Xiaodong Deng, Oakland University V.P. of Technology: Gene Fliedner, Oakland University

NEDSI

President: Pedro Reyes, Baylor University

Immediate Past President: Joy Field, Boston College

President-Elect: Neset Hikmet, University of South Carolina

Program Chair (2018): Doug Hales, University of Rhode Island

Program Chair-Elect (2019): Eric Stein, Pennsylvania State Univ - Malvern

VP Communications: Hal Ravinder, Montclair State University

VP Member Services: Carolyn Lamacchia, Bloomsburg University of Pennsylvania

VP Promotional Activities: Javad Paknejad, Hofstra University

VP Technology: Koray Ozpolat, University of Rhode Island

Treasurer: Lynn Ruggieri, Roger Williams University

Secretary: Gang Li, Bentley University

Archivist: Jennifer Swanson, Stonehill College

SEDSI

President: Reza Kheirandish, Clayton State University

President Elect: Tobin Turner, Presbyterian College

Past-President: Suzie Smith, Presbyterian College

Program Chair: Cheryl Aasheim, Georgia Southern University

Program Chair Elect: Ping Wang, James Madison University

Secretary (2016-2017): Sara Bliss Kiser, Alabama State University

V.P. Finance: Chris McCart, Roanoke College

V.P. Member Services: Ali Nazemi, Roanoke College

V.P. Planning & Development: Mauro Falasca, East Carolina University

V.P. Publications: Shona Morgan, North Carolina A&T University

V.P. Student Services: Laquanda Leaven, North Carolina A&T University

V.P. Meetings: L. Drew Rosen, University of North Carolina Wilmington

Archivist & Web Services: George S. Lowry, Randolph-Macon College

SWDSI

President: Mark McMurtrey, University of Central Arkansas

President-Elect: Khaled Alshare, Qatar University

Program Chair: Matthew Lindsey, Stephen F. Austin State University

Program Chair-Elect: Dan Peak, University of North Texas

Past President: Mohan Rao, Texas A&M University, Corpus Christi

Secretary: Kittipong Boonme, Texas Women's University

VP- Finance: Lynne Cagle Cox, University of North Texas

VP - Member Services: Gina Harden, Stephen F. Austin State University

VP - Student Liaison: Gayle Prybutok, University of North Texas

Regional Archivist: Mike Hanna, University of Houston- Clear Lake

WDSI

President: Albert Huang, University of the Pacific

Immediate Past President: Natasa Christodoulidou, CSU Dominguez Hills

President Elect: Omer S. Benli, California State University, Long Beach

Vice President of Programs and Program Chair: :

Theodore Byrne, CSU Dominguez Hills

Vice President and Program Chair Elect: Salem Boumediene, Montana State University-Billings

Vice President for Members Services: TBD

Secretary Treasure: Sheldon Smith, Utah Valley University

Director of Information Systems: Khosrow Moshirvaziri, CSU Long Beach

OFFICERS OF OUR INTERNATIONAL REGIONAL SUBDIVISIONS

APDSI

President: Tritos Laosirihongthong, Thammasat University, Thailand

Past President: Daesik Hur, Yonsei University, Korea

President-Elect: Don Kerr, University of the Sunshine Coast, Australia

VP, Australiasia: Don Kerr, University of the Sunshine Coast, Australia

VP, At Large: Jiahua weng, Waseda University, Japan

EDSI

President: Gyula Vastag, Szechenyi University Immediate Past President: Constantin Blome,

University of Susex

President-Elect: Marco Sartor, University of Udine **European VP**: Markku Kuula, Aalto University

VP South Europe: Sukran Atadeniz, Yeditepe University

VP North Europe: Bart MacCarthy, University of Nottingham

VP Technology: Jose Benitez, University of Granada

Treasurer/Secretary General: Guido Orzes, Free University of Bozen-Bolzano

ISDSI

President: Abhijeet K. Digalwar, BITS, Pilani Vice President: Ravi Kumar Jain, Symbiosis Institute of Business Management – India

Vice President (At Large): Ramachandran (Nat) Natarajan, Tennessee Tech University

Director: Bhimaraya A. Metri, Indian Institute of Management

Director: Nilesh Berad, MET Institute of

Management Management

ATTEND ONE OF THE DSI REGIONAL ANNUAL MEETINGS NEAR YOU

Make plans to attend – either one near you or one that offers information on your area of interest.

To find out more about each of the regional annual meetings or to register to attend, check out their websites:

EDSI Annual Meeting – Venice and Udine, Italy

June 3 – 6, 2018

APDSI Annual Meeting - Bangkok, Thailand

July 16 - 20, 2018

OPEN POSITIONS AT HIGHER EDUCATION INSTITUTIONS

The Decision Sciences Institute website provides a listing of open academic positions. Below you will find Placement Listings for January 26 - March 15, 2018. For more details on these and other position listings, as well as applicant listings, visit the DSI website – <u>decisionsciences.org</u> Ready to post a position? Guidelines on how to list your position can be found there as well.

POSTING DATE	INSTITUTION	LOCATION	JOB TITLE	JOB TYPE	AREA OF INTEREST
5/10/18	Mt. San Antonio College	Walnut, CA	Business Analyst see details	Classified	Information Technology
5/2/18	Penn State Erie	Erie, Pennsylvania	Assistant or Associate Professor see details	Tenure-Track	Project Management/Supply Chain Management
4/27/18	California State University – Bakersfield	Bakersfield, CA, USA	Assistant Professor of Opera- tions Management see details	Tenure-Track	Operations Management
4/13/18	University of California, Riverside	Riverside, USA	<u>Lecturer see details</u>	Part-time	Information Systems
3/15/18	The University of Auckland	Auckland	Senior Lecturer/Associate Professor see details	Full Time	Business Analytics
3/15/18	Kent State University	Warren, Ohio, USA	Assistant Professor see details	Full- Time	Management Information Systems
3/14/18	Northeastern State University	Tahlequah/Broken ArrowOK, USA	Assistant Professor see details	Full TimeTenure Track	Business Decision Analysis, Operations Management, Business Statistics, Manage- ment
3/9/18	Old Dominion University	Norfolk, Virginia, USA	Clinical Assistant/Associate Professor see details	Full Time-Clinical	Maritime Supply Chain Management
3/9/18	Washington University	St. Louis, MO, USA	Visiting Position or Lecturer see details	Full Time	Operations Management
2/19/18	Virginia Common- wealth University	Richmond, VA, USA	Assistant/Associate Professor see details	Full TimeTenure Track	Supply Chain Management & Analytics
2/19/18	University of Maine	Orono, Maine	Assistant Professor see details	Full TimeTenure Track	Management Information Systems Operations Management
2/14/18	Arizona State University	Tempe, AZ, USA	Clinical Assistant Professor and Lecturer see details	Non-Tenure Track	Operations, Supply Management or Logistics
2/12/18	University of Illinois	Champaign,IL, USA	Postdoctoral Fellow see de- tails	Full Time	Information Systems, International Business,Organizational Behavior,Marketing
2/8/18	Michigan State University	East Lansing, Mi, USA	Instructor/Assistant Professor see details	Half Time/Fixed Term	Logistics/Transportation
2/2/18	University of Rhode Island	Kingston, RI	Lecturer see details	Full Time Aca- demic	Supply Chain Management
1/31/18	University of Houston	Houston, TX, USA	Assistant/Associate Professor see details	Full Time	Technology Project Management
1/26/18	Georgia Southern University	Statesboro, Georgia, USA	Assistant Professor see details	Full Time	Logistics & Supply Chain Management
1/26/2018	Louisiana State University	Baton Rouge,LA, USA	Assistant Professor see details	Full Time	Entrepreneurship & Information Systems
1/26/2018	Louisiana State University	Baton Rouge, LA, USA	Professor/Associate Professor see details	Full Time	Entrepreneurship & Information Systems

2010 - CURRENT		1994–1995	K. Roscoe Davis, University of Georgia		
2017–2018	Jatinder (Jeet) Gupta, University of	1993–1994	Larry P. Ritzman, Ohio State University		
	Alabama – Huntsville	1992–1993	William C. Perkins, Indiana University-		
2016–2017	Funda Sahin, University of Houston		Bloomington		
2015–2016	Morgan Swink, Texas Christian University	1991–1992	Robert E. Markland, University of South Carolina		
2014–2015	Marc Schniederjans, Deceased	1990–1991	Ronald J. Ebert, University of Missouri–Columbia		
2013–2014	Maling Ebrahimpour, University of South Florida, St. Petersburg	1989–1990	Bernard W. Taylor, III, Virginia Tech		
2012–2013	E. Powell Robinson, Jr., University of Houston	1981 – 1989			
2011–2012	Krishna S. Dhir, Berry College	1989–1990	Bernard W. Taylor, III, Virginia Tech		
2010–2011	G. Keong Leong, University of Nevada,	1988–1989	William L. Berry, Ohio State University		
2000 2010	Las Vegas	1987–1988	James M. Clapper, Aladdin TempRite		
2009–2010	Ram Narasimhan, Michigan State University	1986–1987	William R. Darden, Deceased		
2000 – 2009		1985–1986	Harvey J. Brightman, Georgia State University		
2008–2009	Norma J. Harrison, Macquarie Graduate School of Management	1984–1985	Sang M. Lee, University of Nebraska– Lincoln		
2007–2008	Kenneth E. Kendall, Rutgers University	1983–1984	Laurence J. Moore, Virginia Tech, Deceased		
2006–2007	Mark M. Davis, Bentley University	1982–1983	Linda G. Sprague, China Europe		
2005–2006	Thomas E. Callarman, China Europe International Business School		International Business School		
2004–2005	Gary L. Ragatz, Michigan State University	1981–1982	Norman L. Chervany, University of Minnesota–Twin Cities		
2003–2004	Barbara B. Flynn, Indiana University	1979–1981	D. Clay Whybark, University of North Carolina–Chapel Hill		
2002–2003	Thomas W. Jones, University of Arkansas–Fayetteville	DSI FOUNDED – 1979			
2001–2002	F. Robert Jacobs, Indiana University-	1978–1979	John Neter, University of Georgia		
0000 0004	Bloomington	1977–1978	Charles P. Bonini, Stanford University		
2000–2001	Michael J. Showalter, Florida State University	1976–1977	Lawrence L. Schkade, University of Texas–Arlington		
1999–2000	Lee J. Krajewski, University of Notre Dame	1975–1976	Kenneth P. Uhl, Deceased		
1000 1000		1974–1975	Albert J. Simone, Rochester Institute of Technology		
1990-1999	Torny D. Dolygo Virginia Took	1973–1974	Gene K. Groff, Georgia State		
1998–1999	Terry R. Rakes, Virginia Tech		University		
1997-1998	1997–1998 James R. Evans, University of Cincinnati		Rodger D. Collons, Drexel University		
1996–1997	Betty J. Whitten, University of Georgia	1971-1972	George W. Summers, Deceased		
1995–1996	995–1996 John C. Anderson, University of Minnesota–Twin Cities		Dennis E. Grawoig, Deceased		

Adam, Everett E., Jr. Anderson, John C. Benson, P. George Beranek, William Berry, William L. Bonini, Charles P. Brightman, Harvey J. Buffa, Elwood S.* Cangelosi, Vincent* Carter, Phillip L. Chase, Richard B. Chervany, Norman L. Clapper, James M. Rodger D. Collons Couger, J. Daniel* Cummings, Larry L.* Darden, William R.* Davis, K. Roscoe Davis, Mark M. Day, Ralph L.* Digman, Lester A. Dock, V. Thomas Ebert, Ronald J. Ebrahimpour, Maling Edwards, Ward Evans, James R. Fetter, Robert B. Flores, Benito E.* Flynn, Barbara B. Franz, Lori S. Ghosh, Soumen Glover, Fred W. Gonzalez, Richard F. Grawoig, Dennis E.* Green, Paul E. Groff, Gene K. Gupta, Jatinder N.D. Hahn, Chan K. Hamner, W. Clay

Hayya, Jack C. Heineke, Janelle Hershauer, James C. Holsapple, Clyde Horowitz, Ira Houck, Ernest C.* Huber, George P. Jacobs, F. Robert Jones, Thomas W. Kendall, Julie E. Kendall, Kenneth E. Keown, Arthur J. Khumawala, Basheer M. Kim, Kee Young King, William R. Klein, Gary Koehler, Anne B. Krajewski, Lee J. LaForge, Lawrence Latta, Carol J.* Lee, Sang M. Luthans, Fred Mabert, Vincent A. Malhotra, Manoj K. Malhotra, Naresh K. Markland, Robert E. McMillan, Claude * Miller, Jeffrey G. Monroe, Kent B. Moore, Laurence J.* Moskowitz, Herbert Narasimhan, Ram Neter, John Nutt, Paul C. Olson, David L. Perkins, William C. Peters, William S. Philippatos, George C. Ragsdale, Cliff T.

Raiffa, Howard * Rakes, Terry R. Reinmuth, James R. Ritzman, Larry P. Roth, Aleda V. Rungtusanatham, Manus (Johnny) Sanders, Nada Schkade, Lawrence L. Schniederjans, Marc J.* Schriber, Thomas J. Schroeder, Roger G. Simone, Albert J. Slocum, John W., Jr. Smunt, Timothy Sobol, Marion G. Sorensen, James E. Sprague, Linda G.* Steinberg, Earle

Summers, George W.* Tang, Kwei Taylor, Bernard W., III Troutt, Marvin D. Uhl, Kenneth P.* Vakharia, Asoo J. Vazsonyi, Andrew* Voss, Christopher A. Ward, Peter T. Wasserman, William* Wemmerlov, Urban Wheelwright, Steven C. Whitten, Betty J. Whybark, D. Clay Wicklund, Gary A. Winkler, Robert L. Woolsey, Robert E. D. Wortman, Max S., Jr.* Zmud, Robert W.

*Deceased

In order for the nominee to be considered, the nominator must submit in electronic form a full vita of the nominee along with a letter of nomination which highlights the contributions made by the nominee in research, teaching and/or administration and service to the Institute. Nominations must highlight the nominee's contributions and provide appropriate supporting information which may not be contained in the vita. A candidate cannot be considered for two consecutive years.

Send nominations to:

Chair of the Fellows Committee Decision Sciences Institute

C.T. Bauer College of Business 334 Melcher Hall, Suite

Houston, TX 77204-6021 info@decisionsciences.org

INSTITUTE CALENDAR

2018	
June 3 - 6	European DSI Annual Meeting
	Venice and Udine, Italy
July 16 -20	Asia-Pacific DSI Annual Meeting
	Venice and Udine, Italy
November 16-19	DSI National Annual Meeting
	Chicago Hilton, Chicago, IL

Southeast DSI Annual Meeting		
Savannah, GA		
Western DSI Annual Meeting		
Los Angeles, CA		

Visit the $\underline{\text{DSI website}}$ for details on these upcoming events.

MEMBERSHIP RATES

MEMBER CATEGORY A CATEGORY B CATEGORY B CATEGORY	DSI Membership Rates							
MEMBER CATEGORY A CATEGORY B CATEGORY B CATEGORY C Greater than 75th Percentile Regular S160 \$30 \$40 Emeritus \$80 \$40								
MEMBER TYPE Percentile Soth -75th Percentile S								
MEMBER TYPE Percentile Soth -75th Percentile S		MEMBER	MEMBER					
MeMBER TYPE								
Regular \$160 \$80 \$40 \$20 \$20 \$50			CATEGORY D			CATEGORIC		
Regular \$150 \$80 \$40 \$20 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$5			50.4 75.4 0					
Emeritus \$80 \$40 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$5	MEMBER TYPE				Less		ile	
Australia Austria Bahamas, The Bahamas, The Albania Bermuda Bermuda Bermuda Bermida Be	Regular	\$160	\$80			\$40		
Australia Andorra Afghanistan Congo, Republic of the Iraq Nicaragua South Africa Bermuda Bahamas, The Albania Cook Islands Jamaica Niger South Sudan Bermuda Bahrain Algeria Costa Rica Jordan Nigeria Sri Lanka Birtish Virgin Islands Belgium American Samoa Cote d'ivoire Kazakhstan Niue Sudan Surinel Canada European Union Angulla Cuba Kiribati Pakistan Swaziland Cayman Islands Farce Islands Antigua and Barbuda Curacao Korea, North Palau Syria Falkiand Islands Finland Argentina Cyprus Kosowo Panama Tajikistan Gibraltar Germany Aruba Dijubriu Laos Paraguay Thailand Guernsey Greenland Azerbaljan Dominica Republic Lyrgystan Panama Tajikistan Guarania Gibraltar Germany Aruba Dijubriu Laos Paraguay Thailand Italy Belarus Ecuador Lesotho Poland Tokelau Italy Belarus Egypt Islands Italy Belarus Egypt Kuwait Malta Bhutan Erritea Barbados Ecuador Libya Puerto Rico Trinidad and Jersey Korea, South Benin Egypt Islands Alare Macau Oman Saint Pierre and Miquelon Souna Bolizia Etonia Madagascar Rwanda Oman Wetherlands Saudi Arabia Bushan Borsaul Arabia Bushan Borsaul Arabia Singapore Tawan Gorea Spain Burma Georgia Mauritania Saint Vincent and Uruguaya Sweden Turks and Calcos Islands Switzerland United Arab Emirates United Kingdom Cameroon Gorgo, Democratic Hungary Namibia Solowala Zirmbabwe Solowala Colombia Hundorus Hungary Namibia Solowala Zirmbabwe Solowan Scierra Leone Verence Congo, Democratic Indinal Namibia Solowala Zirmbabwe Solowan Scierra Leone Verence Congo, Democratic Indinal Namibia Solowala Zirmbabwe Solowan Scierra Leone Verence Congo, Democratic Indinal Namibia Solowala Zirmbabwe Solowan Scierra Leone Verence Congo, Democratic Indinal Namibia Solowala Zirmbabwe Solowan Scierra Leone Compos Sono Solomon Islands Solowala Zirmbabwe Solowan Solowan Scierra Leone Compos Sono Solomon Islands Solowala Zirmbabwe Solowan Solowan Solowan Solowana Zirmbabwe Solowala Zirmbab	Emeritus	\$80	\$40			\$20		
Austria Bahamas, The Albania Cook Islands Jamaica Niger South Sudan Bernuda Bahrain Algeria Costa Bica Jordan Nigeria Sri Lanka British Virgin Islands Belgium American Samoa Cote d'Ivoire Kazakhstan Niue Sudan Brunel Demark Angola Croatia Kenya N. Mariana Islands Suriname Canada European Union Anguilla Cuba Kiribati Pakstan Swaziland Cayman Islands Faroe Islands Antiguia and Barbuda Curacao Korea, North Palau Syria Falkland Islands Ifiland Agrentina Cyprus Kosovo Panama Tajlikistan (Islas Malvinas) France Armenia Czech Republic Kyrgyzstan Papua New Guinea Tanzania Gibrattar Germany Aruba Dijbouti Laos Paraguay Thaliand Guernsey Greenland Azerbaijan Dominica Latvia Peru Timor-Leste Hong Kong Guam Bangladesh Dominican Republic Lebanon Phillippines Togo Iceland Israel Barbados Ecuador Libya Portugal Tonga Isle of Man Japan Belize El Salvator Libya Puerto Rico Trindad and Jersey Korea, South Benin Equatorial Guinea Lithuania Romania Tobago Marau Diberta Malawi Saint Merapa Ascension, Fiji Malawi Saint Merapa Ascension, Fiji Malawi Saint Fuerna and Micela Saint Fuerna and Micela Saint Eucla Ukramenstan Singapore Taiwan Buruma Georgia Mauritania Saint Lucia Ukrame Uruguay United States United Kingdom Central African Rep. Georgia Mauritania Saint Lucia Ukrame Uruguay United States United Kingdom Central African Rep. Georgia Mauritania Saint Kutsan Vivicent and Uruguay Central African Rep. Georgia Mauritania Morocco Sierra Leone Vesten Sahara Colombia Honduras Mozambique Senegal Wallis and Futuna Comoros United States United Kingdom Central African Rep. Georgia Mauritania Solovakia Zimbabue Zimbaba Comoros United States	Student	\$0	\$0			\$0		
Austria Bahamas, The Albania Cook Islands Jamaica Niger South Sudan Bernuda Bahrain Algeria Costa Bica Jordan Nigeria Sri Lanka British Virgin Islands Belgium American Samoa Cote d'Ivoire Kazakhstan Niue Sudan Brunel Demark Angola Croatia Kenya N. Mariana Islands Suriname Canada European Union Anguilla Cuba Kiribati Pakstan Swaziland Cayman Islands Faroe Islands Antiguia and Barbuda Curacao Korea, North Palau Syria Falkland Islands Ifiland Agrentina Cyprus Kosovo Panama Tajlikistan (Islas Malvinas) France Armenia Czech Republic Kyrgyzstan Papua New Guinea Tanzania Gibrattar Germany Aruba Dijbouti Laos Paraguay Thaliand Guernsey Greenland Azerbaijan Dominica Latvia Peru Timor-Leste Hong Kong Guam Bangladesh Dominican Republic Lebanon Phillippines Togo Iceland Israel Barbados Ecuador Libya Portugal Tonga Isle of Man Japan Belize El Salvator Libya Puerto Rico Trindad and Jersey Korea, South Benin Equatorial Guinea Lithuania Romania Tobago Marau Diberta Malawi Saint Merapa Ascension, Fiji Malawi Saint Merapa Ascension, Fiji Malawi Saint Fuerna and Micela Saint Fuerna and Micela Saint Eucla Ukramenstan Singapore Taiwan Buruma Georgia Mauritania Saint Lucia Ukrame Uruguay United States United Kingdom Central African Rep. Georgia Mauritania Saint Lucia Ukrame Uruguay United States United Kingdom Central African Rep. Georgia Mauritania Saint Kutsan Vivicent and Uruguay Central African Rep. Georgia Mauritania Morocco Sierra Leone Vesten Sahara Colombia Honduras Mozambique Senegal Wallis and Futuna Comoros United States United Kingdom Central African Rep. Georgia Mauritania Solovakia Zimbabue Zimbaba Comoros United States								
Bermuda Bahrain Algeria Costa Rica Jordan Nigeria Sri Lanka British Virgin Islands Brueii Denmark Angola Croatia Kenya N. Mariana Islands Suriname Canada European Union Angulla Cuba Kiribati Pakistan Swaziland Cuyrana Islands Farle Islands Farle Islands Farle Islands Finland Argentina Cyprus Kosovo Panama Tajikistan (Islas Malvinas) France Armenia Czech Republic Kyrgystan Papua New Guinea Tanzania Gibraltar Germany Aruba Djibouti Laos Paraguay Thailand Guernsey Greenland Azerbaijan Dominica Latvia Peru Timor-Leste Hong Kong Guam Banbados Euudor Lebanon Philippines Togo Icleand Israel Barbados Euudor Lebanon Philippines Togo Isle of Man Japan Belize El Salvador Libya Puerto Rico Trinidad and Jesrey Korea, South Benin Equatorial Guinea Lituhana Itavia Puerto Timor-Leste Norae, South Benin Equatorial Guinea Lituhana Iuckehosten New Calcionia Bolivia Estonia Madagascar Rwanda Luxembourg New Zealand Botswana Botswana Botswana Botswana Regiza Gabon Malawi Saint Helena, Ascension, Norway Slovenia Burkina Esao Gamboli, Tene Propinesia Maldives Saint Kitts and Nevis Qandar Spania Burma Georgia Maurittus Samoa Vanuatu Vanuatu United States United Kingdom Cameroon Guatenal Micronesia Soriera Leone Venezuela Maria Directa Macronesia Saint Kitts and Nevis Qanda Wilterland United Kingdom Cameroon Guatenal Micronesia Soriera Leone Venezuela Cibiba Malayia Saint Helena, Ascension, Turkey Turkey Dustria Saint Micronesia Saint Kitts and Nevis Qanda Maurittus Samoa Vanuatu Vanuatu United States United Kingdom Cameroon Guatenala Micronesia Soriera Leone Venezuela Cibiba Malayi Saint Morenegro Kyenelles Western Sahara Colonba Hungary Nonscerat Seychelles Western Sahara Compos Democratic India Nauru Solowakia Zimbabwe Jolonba Auruu Solomon Islands								
British Virgin Islands Brunel Brunel Brunel Canada Canada Cayman Islands Cayman Islands Cayman Islands Falkland Islands Falkland Islands Falkland Islands Falkland Islands Falkland Islands Falkland Islands (Islas Malvinas) France Germany Aruba Gibrattar Germany Gernsey Gereland Hong Kong Iceland Italy Island Island Island Island Island Island Island Guernsey Greenland Israel Barbados Iceland Italy Belarus Belave El Salvador Iteland Ideltentenstein New Caledonia Buttan Buttan Buttan Buttan Buttan Buttan Buttan Bosonia and Herzegovina Macau Oman Monaco Saint Pierre and Miquelon Netwelands Norway Slovenia Buttan Bu		Austria	· · · · · · · · · · · · · · · · · · ·		Cook Islands			
Brunel Canada European Union Angulla Croatia Kenya N. Mariana Islands Suriname Canada European Union Angulla Cuba Kiribati Pakistan Swaziland Cayman Islands Faroe Islands Antigua and Barbuda Curacao Korea, North Palau Syria Falkland Islands Finland Argentina Cyprus Kosovo Panama Tajikistan (Islas Malwinas) France Armenia Czech Republic Kyrgystan Papua New Guinea Panama Gibrattar Germany Aruba Djibouti Laos Paraguay Thaliand Guernsey Greenland Azerbalijan Dominica Latvia Peru Timor-Leste Hong Kong Guam Bangladesh Dominica Lebanon Philippines Togo Iceland Israel Barbados Ecuador Lesotho Poland Tokelau Ireland Italy Belarus Egypt Liberia Portugal Tonga Isle of Man Japan Belize El Salvador Libya Puerto Rico Trinidad and Jersey Korea, South Benin Equatorial Guinea Lithuania Romania Tobago Kuwatt Malta Bhutan Eritrea Macedonia Russia Turisia Licentenstein New Caledonia Bolivia Estonia Macagascar Rwanda Saint Helena, Ascension, Amacau Oman Botswana Botswana Botswana Pirzi Ferre and Miquelon New Zealand Saudi Arabia Bulgaria Gabon Malli Saint Lucia Ukraine Norway Slovenia Burkina Faso Gambia, The Marshall Islands Norway Slovenia Burkina Faso Gambia, The Marshall Islands Sweden Turks and Calcos Islands Cambroo Guinea Burkina Faso Gambia, The Marshall Islands Sweden Turks and Calcos Islands Cambroo Guinea Guinea Burma Georgia Mauritania Sand Ario Venezuela Vietnam United States United Kingdom Cameroon Guatemala Moldova San Marino Venezuela Vietnam Colombia Hinduras Monaco Sierra Leone Yemen China Guinea Bisau Montengro Sierra Leone Yemen Colombia Hinduras Monaco Sierra Leone Zembia Solvowa Composo Hinduras Monaco Sierra Leone Yemen Colombia Hinduras Monaco Sierra Leone Zembia Solvowa Solvowa Solvowa Zemboa Vanaustu Solvowono Islands			Bahrain	Algeria	Costa Rica			
Canada Cayman Islands Farce Islands Antigua and Barbuda Cayman Islands Falkland Islands Falkland Islands (Islas Malvinas) (Islas Malvinas) (Islas Malvinas) Gibratlar Germany Aruba Olibouti Laos Paraguay Thailland Guernsey Greenland Azerbaijan Dominica Island Israel Barbados Ecuador Ireland Israel Barbados Ecuador Ireland Islay Belarus Beypt Liberia Portugal Tonga Tokelau Tonga Tokelau Tobago Trinidad and Tobago Trinidad and Tobago Trinidad and Botswana		British Virgin Islands	Belgium	American Samoa	Cote d'Ivoire	Kazakhstan	Niue	Sudan
Cayman Islands Farce Islands Falkland Islands Falkland Islands Filland (Islas Malwinas) (Islas Malwinas) Gibrattar Germany Gibrattar Germany Guernsey Greenland Azerbaijan Hong Kong Guam Bangladesh Hong Kong Italy Belarus Fellow Fello			Denmark	•				
Falkland Islands (Islas Malvinas) France Armenia Gibraitar Gibraitar Gibraitar Germany Aruba Dipibouti Laos Paraguay Thailand Guernsey Greenland Azerbaljan Dominica Latvia Peru Timor-Leste Hong Kong Guam Bangladesh Dominican Republic Lebanon Pillippines Togo Iceland Islavi Barbados Ecuador Lesotho Poland Tokelau Tonga Isleof Man Japan			European Union		Cuba			Swaziland
Gloraltar Germany Aruba Djibouti Laos Paraguay Thalland Guernsey Greenland Azerbaijan Dominica Latvia Peru Timor-Leste Hong Kong Guam Bangladesh Dominica Republic Lebanon Phillippines Togo Iceland Islay Belarus Egypt Liberia Portugal Tonga Isle of Man Japan Belize El Salvador Libya Puerto Rico Trinidad and Ireland Islay Belarus Egypt Liberia Portugal Tonga Isle of Man Japan Belize El Salvador Libya Puerto Rico Trinidad and Icentenstein New Caledonia Bolivia Estonia Madagascar Rwanda Turksa Luxembourg New Zealand Bosnia and Herzegovina Macau Oman Botswana Fiji French Polynesia Malavi Saint Helena, Ascension, Turken Nerhands Saudi Arabia Bulgaria Gabon Mall Saint Locia Ukraina Singapore Taiwan Singapore Taiwan Burundi Gahana Maurttania Singapore Taiwan Burundi Grand Granda Micronesia Sono Wenterland United Kingdom Granada Granada Micronesia Sono West Bank United Kingdom Cameroon Guatemala Monteera Serbia Wasterland United Krigdom Cameroon Guatemala Monteera Serbia Wasterland United Krigdom Cameroon Guatemala Monteera Serbia Wasterland United Arab Emirates Cambodia Granada Micronesia Senegal Wallis and Futuna West Bank Chila Haiti Morocco Sierra Leone Yeemen Scopo, Democratic India Nauru Solomon Islands		*	Faroe Islands	•	Curacao	Korea, North		,
Gibraltar Germany Aruba Djibouti Laos Paraguay Thailand Guernsey Greenland Azerbailjan Dominica Latvia Peru Timor-Leste Hong Kong Guam Bangladesh Dominican Republic Lebanon Phillippines Togo Iceland Israel Barbados Ecuador Lesotho Poland Tokelau Ireland Italy Belarus Egypt Liberia Portugal Tonga Isle of Man Japan Belize El Salvador Libya Puerto Rico Trinidad and Jersey Korea, South Benin Equatorial Guinea Lithuania Romania Tobago Kuwait Malta Bhutan Eritrea Macedonia Russia Tunisia Liechtenstein New Caledonia Bolivia Estonia Madagascar Rwanda Turkey Luxembourg New Zealand Bosnia and Herzegovina Botswana Fiji Malaysia and Tristan da Cunha Joman Botswana Fiji Malaysia And Tristan da Cunha Joman Norway Slovenia Bulgaria Gabon Mali Saint Lucia Ukraine Norway Slovenia Burma Georgia Mauritania the Grenadines Uzganda Switzerland United Kingdom Granada Muritus Samoa Vanuatu Sweden Turks and Caicos Islands United Kingdom Granada Montserrat Seybelles Western Sahara Chila Guinea-Bissau Monteergo Serbia Western Sahara Comoros Hungary Namibia Slovakia Zimbabwe		Falkland Islands	Finland		Cyprus	Kosovo	Panama	,
Guernsey Greenland Azerbaijan Dominica Latvia Peru Timor-Leste Hong Kong Guam Bangladesh Dominican Republic Lebanon Phillippines Togo Tokelau Iteland Israel Barbados Ecuador Lesotho Poland Tokelau Iteland Italy Belarus Egypt Liberia Portugal Tonga Trinidad and Japan Belize El Salvador Libya Puerto Rico Trinidad and Jersey Korea, South Benin Equatorial Guinea Lithuania Romania Tobago Kuwait Malta Bhutan Eritrea Macedonia Russia Tunisia Lucentenstein New Caledonia Bolivia Estonia Madagascar Rwanda Turkey Luxembourg New Zealand Bosnia and Herzegovina Boswana Fiji Malayis and Tristan da Cunha Monaco Saint Pierre and Miquelon Saudi Arabia Bulgaria Gabon Mali Saint Lucia Uganda Netherlands Saudi Arabia Burma Georgia Mauritania Saint Lucia Ukraine Sweden Turks and Caicos Islands Gambola Turks and Caicos Islands United Arab Emirates United Arab Emirates Cambodia Granada Micronesia Sonome and Vietnam United States United Kingdom Cameroon Guatemala Monteserat Seychelles Western Sahara Colombia Honduras Monaco Sierra Leone Yemen Western Sahara Compon Islands Solowkia Zimbabwe India Solowakia Zimbabwe India		(Islas Malvinas)	France		Czech Republic	Kyrgyzstan		Tanzania
Hong Kong Iceland Israel Israel Ireland Islay Isle of Man Isle of			'					
Iceland Israel Barbados Ecuador Lesotho Poland Tokelau Ireland Italy Belarus Egypt Liberia Portugal Tonga Tonga Portugal Tonga Tonga Portugal To		Guernsey	Greenland	Azerbaijan	Dominica	Latvia	Peru	Timor-Leste
Ireland Isle of Man Japan Belize El Salvador Liberia Portugal Tonga Isle of Man Japan Belize El Salvador Libya Puerto Rico Trinidad and Lersey Korea, South Benin Equatorial Guinea Lithuania Romania Tobago Kuwait Malta Bhutan Eritrea Macedonia Russia Tunisia Liechtenstein New Caledonia Bolivia Estonia Madagascar Rwanda Saint Helena, Ascension, Macau Oman Bosnia and Herzegovina Botswana Fiji Malawi Saint Helena, Ascension, Turkrey Luxembourg New Zealand Bosswana Fiji Malawi Saint Helena, Ascension, Turkrenistan Monaco Saint Pierre and Miquelon Satint Pierre and Miquelon Notherlands Saudi Arabia Bulgaria Gabon Mali Saint Kitts and Nevis Uganda Norway Slovenia Burma Georgia Mauritania the Grenadines Uzbekistan Singapore Taiwan Burundi Ghana Mauritania the Grenadines Uzbekistan Sweden Turks and Caicos Islands Cabo Verde Greece Mexico San Marino Venezuela Switzerland United Krab Emirates Cambodia Granada Micronesia Sao Tome and Vietnam United States United Kingdom Cameroon Guaremala Mongolia Senegal Wallis and Futuna Central African Rep. Chile Guinea Mongolia Senegal Wallis and Futuna Chilia Halti Morocco Sierra Leone Yemen Colombia Honduras Mozambique Saint Maarten Zambia Congo, Democratic India Nauru Solomon Islands		Hong Kong	Guam	Bangladesh	Dominican Republic		Phillippines	
Isle of Man Japan Korea, South Benin Equatorial Guinea Lithuania Romania Tobago Kuwait Malta Bhutan Liechtenstein New Caledonia Liuchenstein New Zealand Bolivia Botswana Fiji Malaysia Monaco Saint Pierre and Miquelon Saint Vierre and Miquelon Netherlands Norway Slovenia Singapore Jaiwan Singapore Jaiwan Sweden Jurks and Caicos Islands Switzerland United States United Kingdom Lithuania Romania Russia Turkis Romania Turkey Turkey Lithuania Romania Russia Turkis Radedonia Russia Russia Turkis Radedonia Russia Russia Turkis Radedonia Russia Russia Turkey Turkey Lithopia Malawi Saint Helena, Ascension, Fiji Malaysia And Trista nda Cunha Tuvalu Radives Saint Kitts and Nevis Uganda Uganda Uganda Ukraine Uganda Ukraine Uganda Ukraine Saint Lucia Ukraine Ubraine Saint Lucia Ukraine Ubraine Ubraine Ubraine Ubraine Ubraine Saint Vincent and Uruguay Venezuela Vanuatu V		Iceland	Israel	Barbados	Ecuador	Lesotho	Poland	Tokelau
Jersey Korea, South Malta Bhutan Equatorial Guinea Lithuania Romania Tobago Turkey Lucentbenstein New Caledonia Bolivia Estonia Madagascar Rwanda Turkey Luxembourg New Zealand Bosnia and Herzegovina Ethopia Malawi Saint Helena, Ascension, Turkmenistan Turkey Monaco Saint Pierre and Miquelon Brazil French Polynesia Maldives Saint Kitts and Nevis Uganda Netherlands Saudi Arabia Burlaria Gabon Mali Saint Helena, Ascension, Turkmenistan Tuvalu Monaco Saint Pierre and Miquelon Brazil French Polynesia Maldives Saint Kitts and Nevis Uganda Malovia Saint Malta Ukraine Ukraine Marshall Islands Saint Vincent and Uruguay Ukraine Uruguay Malovia Saint Vincent and Uruguay Uruguay Malovia Malovia Venezuela Malovia Malovia Malovia Venezuela Malovia Malovia Principe Virgin Islands Uruguay Venezuela Moldova Principe Virgin Islands Malovia Venezuela Moldovia Principe Virgin Islands Malovia Moltovia Principe Virgin Islands Moltovia Moltov		Ireland	Italy	Belarus	Egypt	Liberia	Portugal	Tonga
KuwaitMaltaBhutanEritreaMacedoniaRussiaTunisiaLiechtensteinNew CaledoniaBoliviaEstoniaMadagascarRwandaTurkeyLuxembourgNew ZealandBosnia and HerzegovinaEthopiaMalawiSaint Helena, Ascension, and Tristan da CunhaMacauOmanBotswanaFijiMalaysiaand Tristan da CunhaMonacoSaint Pierre and MiquelonBrazilFrench PolynesiaMaldivesSaint Kitts and NevisUgandaNetherlandsSaudi ArabiaBulgariaGabonMaliSaint LuciaUkraineNorwaySloveniaBurkina FasoGambia, TheMarshall IslandsSaint Vincent andUrugayQatarSpainBurmaGeorgiaMauritaniathe GrenadinesUzbekistanSingaporeTaiwanBurundiGhanaMauritiusSamoaVanuatuSwedenTurks and Caicos IslandsCabo VerdeGreeceMexicoSan MarinoVenezuelaSwitzerlandUnited KingdomCambodiaGranadaMicronesiaSao Tome andVietnamUnited StatesUnited KingdomCameroonGuineaMongoliaSenegalWalls and FutunaChadGuinea-BissauMonteergoSerbiaWest BankChileGuyanaMontserratSeychellesWest BankChinaHaitiMoroccoSierra LeoneYemenColombiaHondurasMozambiqueSaint MaartenZambiaLimbal<		Isle of Man	Japan	Belize	El Salvador	Libya	Puerto Rico	Trinidad and
Liechtenstein LuxembourgNew CaledoniaBoliviaEstoniaMadagascar EthopiaRwandaTurkeyMacau Monaco NetherlandsSaint Pierre and Miquelon Saudi ArabiaBotswana Brazil Brazil Brazil BugariaFrench Polynesia Gabon Gambia, The Georgia MalawisMaldives Maldives MaldivesSaint Kitts and Nevis Saint Kitts and Nevis Uganda UkraineUganda UkraineNorway Qatar SingaporeSpain TaiwanBurma Burundi GabonGeorgia Georgia Greece MexicoMauritania Mauritius Marantius MarantiusSaint Vincent and Mauritania MauritiusUruguay the Grenadines UzbekistanSwedenTurks and Caicos Islands Switzerland United Arab EmiratesCabo Verde Cameroon Central African Rep. Chad Chile China Chile China Comoros HungaryMicronesia Mongolia Montenegro Montenegro SerbiaSao Tome and Vietnam Vietnam Viest Bank Western Sahara Vemen ZambiaVeneu Honduras Longo, DemocraticHonduras Hungary IndiaMortenegro Mozambique NauruScirra Leone Serbia Sant Maarten Saint Maarten Sant Maarten Sant Maarten Sant Maarten Sant Maarten Sant Maarten Sant Maarten Sant Maarten Serbia		Jersey		Benin	Equatorial Guinea	Lithuania	Romania	Tobago
LuxembourgNew ZealandBosnia and Herzegovina BotswanaEthopia FijiMalawi MalaysiaSaint Helena, Ascension, and Tristan da CunhaTurkmenistanMonacoSaint Pierre and Miquelon NetherlandsBrazilFrench PolynesiaMaldivesSaint Kitts and NevisUgandaNorwaySloveniaBurkina FasoGambia, TheMarshall IslandsSaint Vincent andUkraineQatarSpainBurmaGeorgiaMauritaniathe GrenadinesUzbekistanSingaporeTaiwanBurundiGhanaMauritiusSamoaVanuatuSwedenTurks and Caicos IslandsCabo VerdeGreeceMexicoSan MarinoVenezuelaSwitzerlandUnited Arab EmiratesCambodiaGranadaMicronesiaSao Tome andVietnamUnited StatesUnited KingdomCameroonGuatemalaMoldovaPrincipeVirgin IslandsCentral African Rep.GuineaMongoliaSenegalWallis and FutunaChadGuinea-BissauMontenegroSerbiaWest BankChileGuyanaMontserratSeychellesWestern SaharaChinaHaitiMoroccoSierra LeoneYemenComorosHungaryNamibiaSlovakiaZimbabweCongo, DemocraticIndiaNauruSolomon Islands		Kuwait	Malta	Bhutan		Macedonia	Russia	Tunisia
MacauOmanBotswanaFijiMalaysiaand Tristan da CunhaTuvaluMonacoSaint Pierre and MiquelonBrazilFrench PolynesiaMaldivesSaint Kitts and NevisUgandaNetherlandsSaudi ArabiaBulgariaGabonMaliSaint LuciaUkraineNorwaySloveniaBurkina FasoGambia, TheMarshall IslandsSaint Vincent andUruguayQatarSpainBurmaGeorgiaMauritaniathe GrenadinesUzbekistanSingaporeTaiwanBurundiGhanaMauritiusSamoaVanuatuSwedenTurks and Caicos IslandsCabo VerdeGreeceMexicoSan MarinoVenezuelaSwitzerlandUnited Arab EmiratesCambodiaGranadaMicronesiaSao Tome andVietnamUnited StatesUnited KingdomCameroonGuatemalaMoldovaPrincipeVirgin IslandsCentral African Rep.GuineaMongoliaSenegalWallis and FutunaChadGuinea-BissauMontenegroSerbiaWest BankChileGuyanaMontserratSeychellesWestern SaharaChinaHaitiMoroccoSierra LeoneYemenColombiaHondurasMozambiqueSaint MaartenZambiaComporosHungaryNamibiaSlovakiaZimbabwe		Liechtenstein	New Caledonia	Bolivia	Estonia	Madagascar	Rwanda	Turkey
Monaco NetherlandsSaint Pierre and Miquelon Saudi ArabiaBrazilFrench Polynesia GabonMaldives MaliSaint Kitts and NevisUgandaNorway QatarSloveniaBurkina FasoGambia, The GeorgiaMarshall Islands MauritaniaSaint Vincent and the GrenadinesUruguaySingaporeTaiwanBurundiGhanaMauritaniaSamoaVanuatuSwedenTurks and Caicos IslandsCabo VerdeGreeceMexicoSan MarinoVenezuelaSwitzerlandUnited Arab EmiratesCambodiaGranadaMicronesiaSao Tome andVietnamUnited StatesUnited KingdomCameroonGuineaMoldovaPrincipeVirgin IslandsChadGuinea-BissauMongoliaSenegalWallis and FutunaChadGuinea-BissauMontenegroSerbiaWest BankChileGuyanaMontserratSeychellesWestern SaharaChinaHaitiMoroccoSierra LeoneYemenColombiaHondurasMozambiqueSaint MaartenZambiaComporosHungaryNamibiaSlovakiaZimbabwe		Luxembourg	New Zealand	Bosnia and Herzegovina	Ethopia	Malawi	Saint Helena, Ascension,	Turkmenistan
Netherlands Saudi Arabia Bulgaria Gabon Mali Saint Lucia Ukraine Norway Slovenia Burkina Faso Gambia, The Marshall Islands the Grenadines Uzbekistan Singapore Taiwan Burundi Ghana Mauritius Samoa Vanuatu Sweden Turks and Caicos Islands Cabo Verde Greece Mexico San Marino Venezuela Switzerland United Arab Emirates Cambodia Granada Micronesia Sao Tome and Vietnam United States United Kingdom Cameroon Guatemala Moldova Principe Virgin Islands Central African Rep. Guinea Mongolia Senegal Wallis and Futuna Chad Guinea-Bissau Montenegro Serbia West Bank Chile Guyana Montserrat Seychelles Western Sahara China Haiti Morocco Sierra Leone Yemen Colombia Honduras Mozambique Saint Maarten Zambia Congo, Democratic India Nauru Solomon Islands		Macau	Oman	Botswana	Fiji	Malaysia	and Tristan da Cunha	Tuvalu
Norway Qatar Spain Burma Georgia Mauritania Singapore Taiwan Sweden Turks and Caicos Islands United Arab Emirates United States United Kingdom United States United Kingdom Cameroon Chile Chile Chile Chila Chorors Chila Chorors Chila Chorors Chila Chorors Chila Chila Chorors Chila Chorors Chila Chila Chila Chila Chorors Chila Chila Chorors Chila Chila Chila Chila Chila Chorors Chila Chila Chila Chorors Chila Chila Chila Chorors Chila Chila Chila Chila Chila Chorors Chila Chil		Monaco	Saint Pierre and Miquelon	Brazil	French Polynesia	Maldives	Saint Kitts and Nevis	Uganda
QatarSpainBurmaGeorgiaMauritaniathe GrenadinesUzbekistanSingaporeTaiwanBurundiGhanaMauritiusSamoaVanuatuSwedenTurks and Caicos IslandsCabo VerdeGreeceMexicoSan MarinoVenezuelaSwitzerlandUnited Arab EmiratesCambodiaGranadaMicronesiaSao Tome andVietnamUnited StatesUnited KingdomCameroonGuatemalaMoldovaPrincipeVirgin IslandsCentral African Rep.GuineaMongoliaSenegalWallis and FutunaChadGuinea-BissauMontenegroSerbiaWest BankChileGuyanaMontserratSeychellesWestern SaharaChinaHaitiMoroccoSierra LeoneYemenColombiaHondurasMozambiqueSaint MaartenZambiaComorosHungaryNamibiaSlovakiaZimbabwe		Netherlands	Saudi Arabia	Bulgaria	Gabon	Mali	Saint Lucia	Ukraine
Singapore Sweden Turks and Caicos Islands United Arab Emirates United Kingdom Uni			Slovenia		Gambia, The	Marshall Islands	Saint Vincent and	
Sweden Switzerland United Arab Emirates United Kingdom United States United Kingdom United States United Kingdom United States United Kingdom United States United Kingdom Central African Rep. Chad Guinea-Bissau Chile Chile Guyana Haiti Morocco Sierra Leone Servia West Bank Seychelles Western Sahara China Haiti Morocco Sierra Leone Yemen Colombia Hungary Namibia Solomon Islands Solomon Islands Zimbabwe Congo, Democratic India Nauru Solomon Islands San Marino Venezuela Sao Tome and Vietnam Vietnam Vietnam Vietnam Principe Virgin Islands Senegal Wallis and Futuna West Bank Seychelles Western Sahara Sierra Leone Yemen Zambia		Qatar	Spain	Burma	Georgia	Mauritania	the Grenadines	Uzbekistan
Switzerland United States United Kingdom United Kingdom United States United Kingdom United Kingdom Cameroon Cameroon Cameroon Contral African Rep. Chad Chad Guinea-Bissau Chile Guyana Montserrat China China Haiti Morocco Sierra Leone Yemen Comoros Hungary Namibia Slovakia Zimbabwe Zimbabwe Zimbabwe Zimbabwe Zimbabwe Zimbabwe Zimbabwe Zimbabwe		Singapore	Taiwan	Burundi	Ghana	Mauritius	Samoa	Vanuatu
United States United Kingdom Cameroon Central African Rep. Chad Chile Chile China China Collombia Collombia Comoros Congo, Democratic Congo, Democratic Cameroon Guinea Guinea Moldova Mondsura Mondenegro Serbia Seregal Wallis and Futuna Montenegro Serbia Serychelles Western Sahara Montecco Sierra Leone Yemen Zambia Zimbabwe Zimbabwe Solomon Islands							San Marino	
Central African Rep. Chad Chile Chil		Switzerland	United Arab Emirates	Cambodia	Granada	Micronesia	Sao Tome and	Vietnam
Chad Guinea-Bissau Montenegro Serbia West Bank Chile Guyana Montserrat Seychelles Western Sahara China Haiti Morocco Sierra Leone Yemen Colombia Honduras Mozambique Saint Maarten Zambia Comoros Hungary Namibia Slovakia Zimbabwe Congo, Democratic India Nauru Solomon Islands		United States	United Kingdom	Cameroon			Principe	
Chile Guyana Montserrat Seychelles Western Sahara China Haiti Morocco Sierra Leone Yemen Colombia Honduras Mozambique Saint Maarten Zambia Comoros Hungary Namibia Slovakia Zimbabwe Congo, Democratic India Nauru Solomon Islands				· ·		O .		
China Haiti Morocco Sierra Leone Yemen Colombia Honduras Mozambique Saint Maarten Zambia Comoros Hungary Namibia Slovakia Zimbabwe Congo, Democratic India Nauru Solomon Islands								
Colombia Honduras Mozambique Saint Maarten Zambia Comoros Hungary Namibia Slovakia Zimbabwe Congo, Democratic India Nauru Solomon Islands					Guyana	Montserrat	Seychelles	Western Sahara
Comoros Hungary Namibia Slovakia Zimbabwe Congo, Democratic India Nauru Solomon Islands								
Congo, Democratic India Nauru Solomon Islands				Colombia	Honduras	Mozambique	Saint Maarten	Zambia
				Comoros	Hungary	Namibia		Zimbabwe
Republic of the Indonesia Nepal Somalia				Congo, Democratic	India	Nauru	Solomon Islands	
				Republic of the	Indonesia	Nepal	Somalia	