The Data Base for Advances in Information Systems: A New Editorial Vision

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Acknowledgement

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Introduction

It is a new year and a new editorial team. We are pleased to introduce ourselves as the new editors-in-chief for *The Data Base for Advances in Information Systems*: Stacie Petter and Tom Stafford.

The Data Base for Advances in Information Systems has been in continuous publication since 1969, marking it as one of the longest-published research publications in the field of information systems. In two short years, we will celebrate our 50th year of publication, and we are pleased to begin our editorial term with initiatives intended to move *The Data Base for Advances in Information Systems* toward an even more impactful performance and notable presence in the world of information systems scholarship than ever before as we approach this important milestone.

A hallmark of our editorial tenure shall be the broad and inclusive promotion of this publication toward the end of drawing submissions and readership from greatly expanded audiences world-wide. To that end, you will see us exhibiting *The Data Base for Advances in Information Systems* at leading information systems conferences around the world in the coming months and years. Come greet us when we do! Further, we look to you to lend your voice and presence to the promotion of our emerging editorial agenda for growth and impact.

A Valuable Resource: Our Association

A primary strength of this publication is its affiliation with the Association for Computing and Machinery (ACM) as the official publication of ACM SIGMIS. Established in September of 1947, ACM has a rich, extensive history in the field of technology dating back to the invention of the first mainframe computer. This affiliation affords *The Data Base for Advances in Information Systems* with perspectives and opportunities that other publications in the information systems domain do not have. Aside from the unique historical perspective, our affiliation with the first scholarly special interest group on Management Information Systems (ACM SIGMIS) connects us with a world of scholarship and inquiry through its sponsorship of the prestigious annual Computers and People Research (CPR) Conference, which is now entering its 55th year. *The Data Base for Advances in Information Systems* is a publication of ACM SIGMIS, as it has been since 1969.

We encourage you to join the longest standing special interest group in information systems for the purposes of professional enrichment and personal networking. For a modest \$29 per year (\$19 for students), you become a part of the academic community that owns the longest continually-

published information systems publication in existence. As an ACM SIGMIS member, you receive a subscription to *The Data Base for Advances in Information Systems* as well as access to SIGMIS-related content in the ACM Digital Library. You also become a part of future history as *The Data Base for Advances in Information Systems* takes its next significant strategic steps in celebration of a half-century of service to the field.

Looking Ahead

As we begin our editorial term, we have been carefully identifying opportunities for *The Data Base for Advances in Information Systems*. What makes this publication interesting is that we can forge innovation by publishing unique and distinct types of work. For instance, we have the option of permitting lengthy publications into print when the contribution warrants the page count, where many other publications would limit publication pages or require online supplements for extra materials. We have the flexibility to provide a venue for an expansive and insightful mode of exposition. We also have the freedom and innovative vision to offer unusual and enriching collections of articles not usually found in one place elsewhere in our field of scholarship, such as plans for a special issue on “New Theory Development for Behavioral IT Security Research,” offered in conjunction with the IFIP 8.11/11.13 Working Group on Information Systems Security Research, or our next issue which is devoted to the inclusion and workforce research presented at the 55th Annual Computers and People Research Conference.

Increasing Impact

One of our goals is to improve the Thomas Reuters Publication Citation Index (JCR) Impact Factor ranking for the publication through broader citation patterns. One issue we have with citations is that *The Data Base for Advances in Information Systems* is an unusual publication with an unusual name. For short, many of us simply call it “Data Base” in our conversational usage, but we fear that this usage may lead to a misinformed impression that ours is a publication outlet for research on databases, computer science research, or other technical types of research outside of the information systems discipline.

The formal name, *The Data Base for Advances in Information Systems*, represents our purpose and intent. This publication archives articles that are advancing the domain of information systems. Consistent citation to the most accurate name, *The Data Base for Advances in Information Systems*, is needed when citing the publication in your research

or when referencing the publication on your vita. We are working with Thomson Reuters, the organization that monitors publication citation patterns to determine publications’ impact factor, to ensure that any of the several variants of the publication’s name will be recognized as referring to this publication. However, a more consistent reference to the official name of the publication will help, and to that end we ask you to cite us as:

The Data Base for Advances in Information Systems

Marketing our Presence

You might notice that as editors-in-chief, we are going to be aggressive in soliciting papers for the publication. You will see *The Data Base for Advances in Information Systems* appearing as an exhibitor at leading information systems conferences to reach new readers, authors, and constituents. We intend to boost our visibility by being present in the venues where scholarship and research partnerships are formed.

Hence, look for us at information systems conferences and cross-disciplinary conferences that also publish IS research. As an example, *The Data Base for Advances in Information Systems* was an exhibitor at the International Conference for Information Systems in Dublin, Ireland in December 2016. At this conference, we talked with numerous academics familiar with our publication and less familiar with our publication to help make our presence known.

Opportunities for Authors

Offering More Papers Per Issue

We are making operational changes to provide more opportunities for authors. We will increase the number of papers published per issue. For our readers, you will have larger issues with more diversity in topics to read. For our authors, this is an opportunity to publish accepted manuscripts more quickly.

Providing a Conference Track to Publication

As editors-in-chief, we are sponsoring a track at the Americas Conference on Information Systems in Boston, Massachusetts in August 2017. This track focuses on “Advances in Information Systems;” selected papers will be encouraged to submit their research to *The Data Base for Advances in Information Systems*. Completed research and emergent research submissions are due on March 1, 2017.

We will also fast-track selected papers to *The Data Base for Advances in Information Systems* from the

ACM SIGMIS Computers and People Conference, which will be held in Bangalore, India in June 2017. These examples are just a few ways in which we are engaging with our community at conferences to encourage researchers to consider publishing their research at *The Data Base for Advances in Information Systems*.

Developing a Unique Scholarly Venue

As editors-in-chief, we are considering many opportunities to publish articles that are likely to be cited broadly and widely, articles that will be read often and fully, and articles that will inspire. We seek to promote multiple types of submissions to encourage breadth of scholarship as well as diversity of topic coverage. You might see book reviews, conversations with practitioners, instrument development papers, panel papers, and other types of submissions as we seek to create interesting, relevant issues that information systems researchers will look forward to reading each month. Further, our constituents and colleagues are also one of our biggest strengths. We will provide a forum for our editorial board members to publish position pieces on important research topics and agendas. As a result, you will see insightful and useful work from leading thinkers in the field in our pages as we bring their best thinking about new research directions to your attention.

Introducing This Issue

We are pleased to introduce the four articles that comprise this issue of *The Data Base for Advances in Information Systems*. These articles are diverse in topical coverage as the subject matters range from security breaches to IT innovation to individual IT portfolios to common method bias. Whether you are a researcher interested in problems from an organizational unit of analysis, an individual unit of analysis, and/or have an interest in research methods, this issue demonstrates the breadth of the types of articles that we are excited to publish.

The first article, "Market Reaction to Security Breach Announcements: Evidence from South Korea" by Anat Hovav, JinYoung Han, and Joonghyuk Kim uses an event study methodology to explore how stock markets respond when organizations announce cyberattacks. This research advances our understanding of how firms' stock prices are impacted when firms are victims of security breaches. As cyberattacks have become more sophisticated, more publicized, and more global, there is a need to understand how these breaches influence firms more directly. The results suggest that there are longer lasting effects within South Korean markets than

United States markets when an organization announces a security breach. This work is particularly valuable in understanding the costs associated with IT security failures in terms of the market value of the firm.

"Mindful Engagement in Emerging IT Innovations – A Dynamics Optimization Model Considering Organizational Learning in IT Innovation Investment Evaluation" by Björn Häckel, Adnreas Lindermeir, Florian Moser, and Stefan Pfosser examines how organizations should develop their budgets and strategies for investing in IT-related innovations. The authors develop a model to aid in the decisions related to IT investment decisions and test this model using simulations to gain specific insights that can help organizations and researchers understand investment decisions for IT innovation. The analytical model developed by the authors extends our understanding of the role of organizational learning and organizational innovativeness when making these budgeting decisions.

With the goal to understand how individuals develop the collection of information technologies that they use, "Technology Portfolios: How Individuals Manage Multiple Digital Technologies" by Jennie Carroll and Blaize Reich, the authors address this issue through a multi-method qualitative study. This paper examines the complexities that individuals face as they manage their use of multiple information technologies to meet their needs (e.g., laptops, desktops, tablets, smartphones). The authors find similarities and differences between the development of these technology portfolios with financial portfolios used by investors. Through their analysis of their qualitative data, the authors create a technology portfolio lifecycle to explain how individuals managing multiple technologies. This work enables researchers to expand our view of use of not just a single technology, but the multiple technologies that individuals engage with on a daily basis.

The final paper in this issue is "Examining the Impact and Detection of the 'Urban Legend' of Common Method Bias" by Andrew Schwarz, Tracey Rizzuto, Colleen Carraher-Wolverton, Jose Roldan, and Ramon Barrera. Studies that leverage quantitative methods often have the potential presence of common methods bias, which is of concern when there is the potential of an upward bias in the results due to various reasons associated with the measurement of constructs. This article examines seven potential sources of common method bias and examines the threat of these sources of bias using an experimental method. The authors then compare how well various tests for common method bias used in

the literature detect the various sources of bias. This article offers an important advancement in how we conduct quantitative research as researchers identify whether or not common methods bias is of concern in a given research study.

Conclusion

We would be remiss if we did not express our gratitude for the dedication of Andrew Schwarz and David Salisbury as the outgoing editors-in-chief of this publication. Through their leadership focusing on the ADVANCES in information systems, *The Data Base for Advances in Information Systems* has continued its outstanding tradition as an outlet to publish interesting, forward-thinking research. Also, a note of thanks to Corey Baham as the outgoing managing

editor for the publication. He worked behind the scenes to ensure the publication was operating smoothly. We acknowledge the incredible diligence of technical editor Aaron Peevyhouse who has been with the publication for over a decade, and we introduce our new managing editor Xihui “Paul” Zhang who will handle day-to-day logistics of the review system, going forward.

We are pleased to be a part of the legacy of editors-in-chief for this longstanding publication and seek to continue building on the past editors’ tradition of continuous improvement. As readers of *The Data Base for the Advances in Information Systems*, we look forward to your submissions, your participation, and your engagement with us.