The Digital Government Society Newsletter is a quarterly publication by the communications committee that contains information for the society members and partners. Submissions of newsletter articles, photos, videos, links, announcements and references of your publications are welcome. Please email these communications committee to dgs-info@dgsociety.org.

Spotlight

Transition in the DG Society board!
The incoming DG Society Board members and officers were elected and took their office, replacing the outgoing DG Society Board members who served during Jan 2014 to Dec 2015. Our special thanks to the outgoing officers and board members.

The DGS committee chairs are designated and we look for volunteer members for each committee!

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DG Society News

The Digital Government Board in the March 2016 meeting adopted the following policies in March 2016:

- The digital government society establishes the Awards Committee to be a standing committee. The Awards committee will consist of one chair and at least two members, who are active society members. The main activities include: the committee will receive the nominations for the outstanding service award, evaluate candidate nominee materials and make a selection for a winner. The Awards committee chair will receive the recommendations from the conference awards committee for annual best paper awards, and make announcements at the annual conference awards ceremony. The Awards committee also will reach out potential contributors and sponsors for any prizes (e.g. cash awards) that go out with the awards.

- In addition to the annual best paper awards, the digital government society selects and grants the outstanding contribution/service award each year at the annual dg.o conference to honor an individual who has made outstanding contributions to serve the society, conferences and/or the DG community in alignment with the dg society mission and goals. The goals of this award include:
1. To honor individuals who have served the society, dg.o conference and the community
2. To promote the potential leaders to participate in the future society activities
3. To highlight the importance of the leadership in the dg society and the dg community

For the nomination and selection process, visit the society’s Awards section.

**10TH ANNIVERSARY CELEBRATION COMMITTEE:** The board member Scott Robertson along with Theresa Pardo and Sharon Dawes organizes a special panel on the reflections and thoughts for the next decade as a part of celebration of the 10th anniversary of the Digital Government Society. Panelists include the past and current presidents and board members, and will discuss the successes of the past and the challenges and opportunities ahead for the Society.

**CONFEERENCE SITE SELECTION COMMITTEE:** The site selection committee chaired by Andrea Kavanaugh shared call for bids for hosting the dg.o 2018. The draft proposal is due June 1, 2016.

**SPONSOR COMMITTEE:** Sponsorship committee led by the president elect Sehl Melloul, and Journal Relationship committee members, Rodrigo Sandoval and Chris Hinnant have reached out the journal sponsorships for best paper awards this year.

**COMMUNICATION COMMITTEE:** The committee solicits the DGS members and colleagues to post and share announcements in a timely fashion to a mailing service by emailing to dgs-list@mail-list.com. Members and interested individuals can subscribe to the mailing list by sending email to dgs-list-on@mail-list.com.

We have obtained a Website service provider (Automatic Creations Inc.) to manage our web contents and server maintenance.

### dg.o Conference News

**DG.O 2016 Organization Team calls for Participation**

Conference chairs, Lei Zhang (Fudan University), Theresa Pardo (University at Albany) and Shiyang Yu (State Information Center), have held virtual and face-to-face organization meetings to finalize the logistics, events and award ceremonies for dg.o 2016 in Shanghai, China. The conference is co-sponsored by Lab for Digital and Mobile Governance and School of International Relations and Public Affairs, Fudan University. The simultaneous translation services will be provided with a generous sponsorship by the State Information Center, and a field trip to the Weather Forecasting Agency is being arranged.
As a special event, the organization team is working on a boat trip to celebrate the 10th anniversary of the Digital Government Society, combined with an award ceremony.

**Program Chairs** Yushim Kim (Arizona State University) and Shuhua Liu (Fudan University) have reported the record number of submissions, almost double as many as last year’s, among which 54 papers (18 sessions), 4 workshops, 5 panels, 15 posters, and 5 doctoral colloquium are selected for presentations at dg.o 2016. The overall acceptance rate was approximately 50%. Program-at-a-glance, and list of accepted papers are available online. We acknowledge the collaboration from Panel Chair, Poster Chair, Workshop Chair, and PhD. Colloquium Chairs as well as Track chairs for their efforts in the organization and selection process. Most of all, we are grateful for the time and efforts from each Program Committee member for their anonymous reviews.

**Registration Site Available:** Our registration fee information and registration site is now open. Please visit the [registration information](#) and the [registration site](#). The early bird rates are available till May 5th by Shanghai China Time. At least one author/presenter of each accepted paper should be registered to publish their paper in the proceedings.

**Local Arrangement Chairs:** Xinping Zhu kept busy with local activities, lodging and travel related work.

- **Lodging:** Hotels are designated for the email or phone reservation.
- **Travel:** [Travel to China may require a Chinese visa](#). Each participant is encouraged to contact Ms.Yali Ren (Email: dmglab@fudan.edu.cn) to obtain an invitation letter to show at the Visa issuing Chinese Consulates.
- **Activities/Tours:** The highlights of events in dg.o will include:
  - **Tour of Huangpu River cruise** - The Huangpu River is the longest river that passes through the city of Shanghai, and divides Shanghai into two sections: Pudong in the east, and Puxi in the West. The Huangpu River flows alongside the classic architecture of Shanghai's former British colonial heartland and the newly developed CBD of Shanghai with shining modern skyscrapers. In the cruise, we will also celebrate our anniversary.
  - **Xujiahui Observatory and Shanghai Meteorology Service Center** : The Observatory, established in 1872, is a collection of meteorology, astronomy and geomagnetism. As one of the world's three biggest measurement reference points, the Xujiahui Observatory enjoys a higher status in the international meteorological history. Known as the First Observatory in the Far East, and China's only Millennium climate station with continuous meteorological data collection for over 144 years, it witnessed China's modern meteorology development.

By Anant Mishra, Sidhartha R. Das and James J. Murray, Dec 2015

In recent years, there has been increasing pressure on the US federal government to reduce spending and improve the management of its technology projects. Mitigating the adverse impact of risks on the performance of these projects presents a significant challenge for its stakeholders. Our research examines this challenge in two steps. First, we identify and define a set of salient risks in federal technology projects—specifically, complexity risk and contracting risk in the planning process, and execution risk in the execution process. Next, we investigate whether higher levels of process maturity, assessed by the Capability Maturity Model Integration (CMMI) framework, mitigate the negative effect of project risks on project performance. The analysis of time-series data collected from 82 federal technology projects across 519 quarterly time periods indicates that each of the three types of risks has a significant negative effect on project performance. This finding highlights the practical significance of managing these risks in the federal technology project context. Further, we find that increasing levels of process maturity attenuate the negative effect of project risks on the performance of federal technology projects. However, the attenuation effects are consequential only at high levels of project risks; at low levels of project risk, increasing levels of process maturity can adversely affect project performance. To demonstrate the financial implications of increasing process maturity levels in federal technology projects, we examine the magnitude of project cost savings (and overruns) across different levels of CMMI and project risks. In summary, our study contributes to the sparse literature on public sector operations by addressing the understudied context of federal technology projects, and provides a nuanced examination of the implications of process maturity in managing the risk to performance relationship in such projects.

Special Issue: Big and Open Data: Value Creation for Policy Makers and Analysts published in the Journal of Organizational Computing and Electronic Commerce (JOCEC) It includes articles from some of the DGS members:

- Big and Open Linked Data (BOLD) in research, policy, and practice by Marijn Janssen & George Kuk
- Improving the speed and ease of open data use through metadata, interaction mechanisms, and quality indicators by Anneke Zuidezwijk, Marijn Janssen & Iryna Susha
- Toward an integrative assessment of open government: Proposing conceptual lenses and practical components by Rodrigo Sandoval-Almazan & J. Ramon Gil-Garcia

“From prize-backed challenges to spur creative thinking to the use of expert networks to get the smartest people focused on a problem no matter where they work, this shift from top-down, closed and professional government to decentralized, open and smarter governance may be the major social innovation of the 21st century. The MacArthur Research Network on Opening Governance is the ideal crucible for accelerating the transition from closed and centralized to open and collaborative institutions of governance in a way that is scientifically sound and yields new insights to inform future efforts, always with an eye toward real-world impacts.”


The Network’s governance innovation efforts are focused on three new paradigms: Smarter Governance – Getting Knowledge In, Open Data Governance – Pushing Data Out and Shared Governance – Distributing Responsibility.
Policy Corner

2030 Sustainable Development Goals
The Heads of State and Government and High Representatives, meeting at the United Nations Headquarters in New York from 25-27 September 2015 have decided on new global Sustainable Development Goals (SDGs). They resolved, between now and 2030, to end poverty and hunger everywhere; to combat inequalities within and among countries; to build peaceful, just and inclusive societies; to protect human rights and promote gender equality and the empowerment of women and girls; and to ensure the lasting protection of the planet and its natural resources. They resolved to create conditions for sustainable, inclusive and sustained economic growth, shared prosperity and decent work for all, taking into account different levels of national development and capacities. The 17 SDGs include:

- Goal 1. End poverty in all its forms everywhere
- Goal 2. End hunger, achieve food security and improved nutrition and promote sustainable agriculture
- Goal 3. Ensure healthy lives and promote well-being for all at all ages
- Goal 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all
- Goal 5. Achieve gender equality and empower all women and girls
- Goal 6. Ensure availability and sustainable management of water and sanitation for all
- Goal 7. Ensure access to affordable, reliable, sustainable and modern energy for all
- Goal 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all
- Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation
- Goal 10. Reduce inequality within and among countries
- Goal 11. Make cities and human settlements inclusive, safe, resilient and sustainable
- Goal 12. Ensure sustainable consumption and production patterns
- Goal 13. Take urgent action to combat climate change and its impacts*
- Goal 14. Conserve and sustainably use the oceans, seas and marine resources for sustainable development
- Goal 15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss
- Goal 16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels
- Goal 17. Strengthen the means of implementation and revitalize the global partnership for sustainable development

Sources: https://sustainabledevelopment.un.org/post2015/transformingourworld
https://sustainabledevelopment.un.org/sdgs
Member News

Congratulations to Theresa Pardo, the Past President of DG Society, who was recognized by the University at Albany Alumni Association as the 2016 Distinguished Alumni. Theresa accepted this award at the Excellence Awards Gala on April 16th. In the past 22 years at CTG, Pardo has partnered with governments at all levels to find innovative solutions to pressing public problems. Under her leadership, CTG has become world renowned for its pursuit of public sector innovation through applied research, knowledge sharing and collaborative problem solving. Pardo’s deep knowledge of how governments can use data and technology to better serve society has led her to become one of the most highly sought-after experts in technology in government throughout the world.

Pardo has held numerous high-level government advisory roles nationally and internationally. She serves as policy advisor of New York Governor Andrew Cuomo’s Open NY initiative and was appointed to the United States Environmental Protection Agency’s National Advisory Committee. She serves as advisor to the China Information Association’s E-Government Chapter and is the founder of the Smart Cities Smart Government Research Practice Consortium involving 21 universities from 15 countries. Pardo is regularly called upon by the World Bank and United Nations to advise on how data and technology can best be used to help address critical global issues. Simply put, her work has benefited citizens and communities worldwide.

Congratulations to Theresa Pardo for delivering a keynote speech at ICEGOV 2016 on March 3, 2016 entitled “Evidence-based policy and Sustainable Development: the role of Open Data.” This keynote talk characterizes the evolving dialogue around the utility of and challenges to the use open data as a tool for evidence-based policy and sustainable development. In particular, the talk outlines current questions about the role of open data in the policy making process, including issues and strategies for leveraging open data in the development of policies that advance a sustainable development agenda.

Congratulations to John Bertot for being appointed to his new position at University of Maryland, Associate Provost of Faculty Affairs. John has been the past president of the DG Society and a Professor in the College of Information Studies (the iSchool) at University of Maryland. Under Dr. Bertot, the Office of Faculty Affairs supports all aspects of faculty experience at the University, such as managing the APT process to ensure excellence and equity in tenure decisions, facilitating human resource functions, overseeing professional development opportunities for faculty, and advocating for faculty interests and perspectives in the leadership of the University. We are very proud and wish you a much success!

Soon Ae Chun, the current president of the DG Society, for delivering a keynote speech at Digital Health 2016 in Montreal Canada, on April 11, 2016, under the title of “Integrating and Analyzing Social Health Records (SHR).” Dr. Soon Ae Chun is a professor and director of the Information Systems and Informatics program at CUNY College of Staten Island. She is a doctoral faculty of Computer Science at the CUNY Graduate Center. She presents four different applications where the social health data can contribute in population health as well as public health through data integration and analytics. Her work was also featured as an invited talk at W3PHI (World Wide Web Population Health Intelligence) at AAAI 2016, in Feb 2016 in Phoenix, AZ.
Announcements

Call for Participation: **dg.o 2016** - The 17th Annual International Conference on Digital Government Research opens the registration site and the programs. It will be held during June 8-10 in Shanghai, China.

Call for Book Chapters: “Technology Integration in Public Administration Education” to be published by IGI Global. The chapter proposal is due April 30, 2016. Contact Editors: Mete YILDIZ, Ph.D., myildiz@hacettepe.edu.tr
Cenay BABAÖGLU, Ph.D. cenaybabaoglu@gmail.com
S. Zafer SAHIN, Ph.D., zafer.sahin@atilim.edu.tr

Call for Chapters: The upcoming “Beyond Bureaucracy” book to be published as part of the Public Administration and Information Technology Series (Springer), edited by Alois A. Paulin, Leonidas G. Anthopoulos, and Christopher G. Reddick.

Call for Papers: HICSS-50 Electronic Government Track - January 4-7, 2017 | Hilton Waikoloa Village, calls for papers for various E-Gov minitracks. The paper is due on June 15, 2016. Visit [http://www.hicss.org/#/schedule/c1f0s](http://www.hicss.org/#/schedule/c1f0s)

Call for Abstracts: The second Open Data Research Symposium (#ODRS16) will be held on October 5, 2016 prior to the International Open Data Conference 2016 in Madrid, Spain. Abstracts are due May 30, 2016.

Grants and Job Opportunities

NSF Science and Technology and Society (STS) Program **NSF 15-506**: The STS program supports proposals across the broad spectrum of STS research areas, topics, and approaches. Examples include, but are by no means limited to:

- Societal aspects of emerging high-tech technologies (e.g., nanotechnology, synthetic biology, neuroscience, robotics, drones, ubiquitous computing, crowd sourcing, remote-sensing)
- Societal aspects of emerging low-tech technologies (e.g., paper microscopes; whirlwind wheel chairs)
- Issues relating to equity, ethics, governance, sustainability, public engagement, user-centeredness, and inclusiveness.
- Integration of traditional STS approaches with innovative perspectives from the arts or humanities.
- Ethical, policy, and cultural issues regarding big data, surveillance and privacy in an increasingly networked world, and The science of broadening participation in STEM disciplines.

Postmarket Management of Cybersecurity in Medical Devices

The [Food and Drug Administration](https://www.fda.gov) (FDA) issued a draft guidance on January 22, 2016, to inform industry and FDA staff of the Agency’s recommendations for managing postmarket cybersecurity vulnerabilities for marketed medical devices, and asked for comments. In addition to the specific recommendations contained in this guidance, manufacturers are encouraged to address cybersecurity throughout the product lifecycle, including during the design, development, production, distribution, deployment and maintenance of the device. A growing number of medical devices are designed to be networked to facilitate patient care. Networked medical devices, like other networked computer systems, incorporate software that may be vulnerable to cybersecurity threats. The exploitation of vulnerabilities may represent a risk to the safety and effectiveness of medical devices and typically requires continual maintenance throughout the product life cycle to assure an adequate degree of protection against such exploits. Proactively addressing cybersecurity risks in medical devices reduces the patient safety impact and the overall risk to public health.

When manufacturers consider cybersecurity during the design phases of the medical device lifecycle, the resulting impact is a more proactive and robust mitigation of cybersecurity risks. Similarly, a proactive and risk based approach to the postmarket phase for medical devices, through engaging in cybersecurity information sharing and monitoring, promoting “good cyber hygiene” through routine device cyber maintenance, assessing postmarket information, employing a risk-based approach to characterizing vulnerabilities, and timely implementation of necessary actions can further mitigate emerging cybersecurity risks and reduce the impact to patients.

Source: [Draft Guidance](https://www.fda.gov)
NSF Award Opportunity: Law & Social Science Program

The Law & Social Sciences Program considers proposals that address social scientific studies of law and law-like systems of rules. The Program is inherently interdisciplinary and multi-methodological. Successful proposals describe research that advances scientific theory and understanding of the connections between law or legal processes and human behavior. Social scientific studies of law often approach law as dynamic, made in multiple arenas, with the participation of multiple actors. Fields of study include many disciplines, and often address problems including though not limited to: Crime, Violence and Punishment, Economic Issues, Governance, Legal Decision Making, Legal Mobilization and Conceptions of Justice, Litigation and the Legal Profession.


Online Course: Government Strategy

PAD570: Government Information Strategy and Management: Comparative and International Perspectives (on-line)

Instructor: Dr. Djoko Sigit Sayogo, Post-doctoral researcher, Center for Technology in Government

Dates: May 23 – July 1

Course Description: This course draws from literature and case studies to understand cultural differences in the concepts of digital government, practical applications for building information capabilities of organizations across national and cultural boundaries and understanding the behavioral aspects of digital government within the larger society and global economy. Topics include the global information environment; managing information in multi-national settings; information access, security, and privacy; information systems for international organizations; international trends in information and technology policies, and using information and technology for global collaborative networks.

How to Apply: The course can be taken by students in universities around the world, but individual students need to register with the University at Albany and pay applicable fees. Interested non-UAlbany graduate students must apply as non-degree students through the office of graduate admissions (http://www.albany.edu/graduate/graduate-admissions.php).

Interested non-UAlbany undergraduate students will need to go to the summer session page (http://www.albany.edu/summer/) and fill out an Admission application (http://www.albany.edu/summer/admission_and_applications.php). They will be contacted by the summer session office and their request will be processed.

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Editorial Members: J. Bertot, S. Chun, A. Kavanaugh G. Puron-Cid
Government Corner

Digitalgov.gov will hold Health Literacy Online on May 17. It will cover highlights from the second edition of Health Literacy Online, a research-based guide with practical tips for creating easy-to-use health websites and digital health information tools. Learn about ways to make your online health information and services more appealing, accessible, and usable for your audiences — particularly for users who don't have strong reading or health literacy skills.

GSA (General Services Administration) unveils New Hub for Federal Citizen Science & Crowdsourcing. launched CitizenScience.gov, a new central hub for citizen science and crowdsourcing projects across the federal government. Like Challenge.gov before it, this new site makes it easier for federal agencies to collaborate with each other and seek help from the American public to address critical issues.

The US Digital Service is a new entity directly under the White House with teams of problem solvers to make government services simple, effective, and efficient. They are striving to make critical services — like Healthcare, student loans, and Veterans’ benefits — as simple as buying a book online.


California proposes another drone law: “If cars have license plates and insurance, drones should have the equivalent,” Gatto said, ”so they can be properly identified, and owners can be held financially responsible, whenever injuries, interference or property damage occurs.”

New mexico pushes for campaign finance transparency: Under House Bill 105, the state would be required to update its electronic filing systems to provide data in “open, structured formats for easy search and download” as well as providing cross-checking and compliance features.

New york, california propose bans on encrypted cellphones: Lawmakers in New York are gunning for easier access into smartphones sold or leased in the state after Jan. 1, 2016. In fact, on Jan. 20, California Assemblyman Jim Cooper introduced Assembly Bill 1681, which nearly mirrors the New York bill. Many have said that the rule would allow law enforcement expanded and unnecessary access to privately owned devices and the potential for government overstep.

Virginia reviews state agency data collection rules: Under the proposal, referred to as the Government Data Collection and Dissemination Practices Act, data would not be collected by various state agencies secretly or without a clear need for its collection or by “fraudulent or unfair mean,” and it would not be used by an agency that was not current or accurate.

Illinois looks at limiting police cellphone surveillance: Lawmakers in Springfield, Ill., have focused on regulating tools that allow police to surveil the cellular phones of private citizens. Under the Citizen Privacy Protection Act, introduced in late January, law enforcement would solidify limitation on the use of devices, like the Stingray, which mimics cellular towers to connect with mobile phones for data collection and tracking purposes.

NewJersey proposes 3-d gun ban, cybersecurity commission: New Jersey's Senate Bill 363 takes aim at ghost and untraceable firearms produced using 3-D printing, additive manufacturing, computer-controlled milling or laser-cutting technology, which is untraceable by metal detectors or X-ray machines.

Minnesota student and employee data privacy: House Bill 2385 would prohibit employers from forcing employees or prospective employees to grant access to their personal social media accounts. Also, an employer could not force the employee to alter settings that would render privately posted material public.
Join us at DG.O 2016

Register Now

To become a sponsor for dg.o 2016

Email dgovsociety@gmail.com

More Member News:

Soon Ae Chun, President of the DG Society, was a panelist with Mollie Ruskin from the US Digital Service on “Women Designing the Future: Digital Realities, Today and Tomorrow.” Also joined as panelist are Lauren Anderson, a retired FBI executive who is founder and CEO of LC Anderson International Consulting; and Nydia Guimaraes, chief performance officer, City of Newark Office of Information Technology, and moderator Angela R. Garretson, Mayor of Hillside of New Jersey.

The conference, sponsored by The Murray Center for Women in Technology at New Jersey Institute of Technology, featured talks and sessions with some of the nation’s leading digital-technology experts. The topics discussed included cybersecurity, government surveillance, big data, social media, gender equity as well as virtual reality (VR) and new forms of journalism.