

David A. Bray, PhD, MSPH

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Senior Executive & Mission Impossible Leader

50+ Recommendations on www.linkedin.com/in/dbray

website: <http://about.me/dbray>

twitter: [@fcc_cio](https://twitter.com/fcc_cio)

Executive Summary:

EXECUTIVE LEADER, STRATEGIST, & multidisciplinary PROBLEM SOLVER

- **LEADER** serving **BEST in ambiguous, uncertain situations** requiring intelligent, transformative results.

Led (1) teams of 400+ professionals; (2) \$400M+ budget formulations; (3) White House and international governance activities on cyber-related challenges and opportunities. Pioneered first-ever bipartisan Congressional Commission reviewing R&D efforts of the entire U.S. Intelligence Community and its unclassified multibillion-dollar budget. Led Bioterrorism Preparedness and Response Program's tech response to 9/11, anthrax, West Nile, SARS, monkeypox, and other international outbreaks.

Deployed to Afghanistan and awarded DOD's Joint Civilian Service Commendation Award, highest-ranking joint civilian service award under authority of combatant commanders, in 2010. Transformed Federal Communication Commission's legacy IT with 207+ systems, to award-winning tech in less than two years; led change in 1/2 the time at 1/6 the cost and saving millions of dollars. Named "Most Social" CIO Globally in 2015 by Fortune and the Huffington-Post. Named "Young Global Leader" by the World Economic Forum in 2016; gave opening keynotes at events in New York and Dubai.



- **20+ YEARS LEADING INNOVATIVE & TRANSFORMATIVE COLLABORATIONS** International

Science & Engineering Fair Winner 1993-1995, worked with Dr. Robert Ballard and Jason Project IV with efforts televised by CNN in 1993; later recruited to work for the U.S. Dept. of Energy at age 15. Served as a lead app developer, business consultant, and data strategist to Fortune 500 companies; Microsoft Gold-Certified Partner 1995-2000. Served as Associate Director of Informatics & IT Chief at the Centers for Disease Control 2000-2005.

Received Health & Human Services Secretary's Award in 2002 for anthrax response in prior year; awarded CDC Director's Agency-Wide Honor Award for Service in 2004. Received Emory University PhD in Information Systems; MIT and Harvard Post-Doctoral and University of Oxford Visiting Associateships. Ghostwrote non-partisan policy papers on national security endeavors, international crisis response, and cyber & data science ventures 2008-2010. Deployed in 2009 to Afghanistan to inform future DARPA efforts.



- **TRANSFORMATIVE EXECUTIVE** and **champion of "change agents" across sectors**. Served as Senior

Executive starting in 2010; Executive Director for interagency team receiving Nat'l Intel Meritorious Unit Citation and awarded by the DNI the National Intelligence Exceptional Achievement Medal for leadership in 2013.

Awarded Arthur S. Flemming award for leadership in 2012 and selected as one of two senior executives to receive the Roger W. Jones award in 2013. Received 2011 Emory University Alumni Luminary and 2007 Emory College Distinguished Arts and Science Alumni Award.

Named a member of the Council on Foreign Relations in 2014 and an Eisenhower Fellow to Taiwan and Australia in 2015. Awarded both CIO magazine's CIO100 and Federal Computer Week's Fed100 Awards with team supervised receiving AFFIRM's Leadership Award in Cloud Computing in 2015. Awarded AFFIRM's Executive Leadership Award and ComputerWorld Premier 100 in 2016. FCC Transformation efforts featured in a Harvard case study.



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Professional Recognitions:

EXECUTIVE LEADER, STRATEGIST, & multidisciplinary PROBLEM SOLVER



• **2016** World Economic Forum “Young Global Leader” worldwide; also AFFIRM’s Executive Leadership Award and ComputerWorld Premier 100.

• **2015** Armed Forces Comms & Electronic Assoc. Outstanding Achievement Award, also FedScoop 50 winner in the area of Leadership.

• **2015** CIO magazine's CIO100 and Federal Computer Week's Fed100 Awards with team supervised receiving AFFIRM's Leadership Award in Cloud Computing.

• **2014** Eisenhower Fellowship to Taiwan and Australia; also FedScoop 50 winner in the area of Leadership.

• **2014** Oxford Martin Associate, Cybersecurity Working Group at the University of Oxford; also selected as a Member of the Council on Foreign Relations.

• **2013** Roger W. Jones Award for Executive Leadership.

• **2013** National Intelligence Exceptional Achievement Medal with the interagency team supervised receiving a National Intelligence Meritorious Unit Citation.



• **2012** Arthur S. Flemming Award for Leadership.

• **2011** Emory University Alumni Luminary and 2007 Emory College Distinguished Arts and Science Alumni Award.

• **2010** United States Department of Defense Joint Civilian Service Commendation Award and 2009 NATO Service Medal for deployment to Afghanistan.



• **2008** Post-Doctoral Associate at both the MIT Center for Collective Intelligence and the Harvard Kennedy School's Leadership in a Networked World Program.

• **2007** Rotary Ambassadorial Scholar at the Oxford Internet Institute in the United Kingdom.

• **2005** Rollins School of Public Health Matthew Lee Girvin Award for "significant contributions toward improving the lives and health of others."

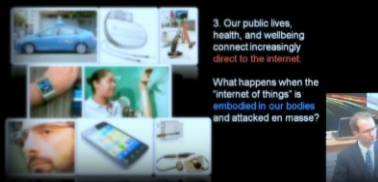
• **2004** Centers for Disease Control and Prevention (CDC) Director's Agency-Wide Honor Award for Service with Bioterrorism Preparedness and Response Program.

• **2002** United States Department of Health and Human Services (DHHS) Secretary's Award in 2002 for response to the 2001 anthrax attacks.

• **2001** Emory University President's Humanitarian Award.



Why a Commons Matters



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Work Experiences:

2013 – present: Senior Executive, Chief Information Officer. Federal Communications Commission

FCC: Selected as Chief Information Officer (CIO) for the Federal Communications Commission after successful completion of the National Commission for the Review of Research and Development Programs of the U.S. Intelligence Community in 2013. Led teams of 400+ technology professionals focused on modular modernization of the Commission's technology endeavors. Parachuted in to role previously held by 9 CIOs in 8 years to turn IT efforts around. Transformed the FCC's legacy IT with 207+ systems, to award-winning tech in less than two years; led change in 1/2 the time at 1/6 the cost and saving millions of dollars. Awarded Armed Forces Communications and Electronic Association Outstanding Achievement Award in 2015. Invited speaker at both Harvard and Singularity University. Led successful "Operation Server Lift" which moved all remaining FCC systems to commercial solutions so that 0 systems remained on-premise, reducing future O&M costs from >85% to less than 50% of the annual budget. Awarded "Fedscoop 50" in both 2014 and 2015 for Federal Leadership; also awarded CIO magazine's CIO100 and Federal Computer Week's Fed100 Awards with team supervised receiving AFFIRM's Leadership Award in Cloud Computing in 2015. Awarded AFFIRM's Executive Leadership Award and ComputerWorld Premier 100 in 2016. FCC Transformation efforts featured in a Harvard case study.

Championed multi-stakeholder, public-private partnerships to include launch of first-ever voluntary, citizen-led mobile device "crowdsourcing" of local broadband speeds across the nation to include first-ever public service app to achieve a rank of #4 on the iOS store right behind Google Chrome. Invited speaker on "Creating a Cybersecurity Commons" at the University of Oxford's Global Cyber Capacity Centre 2013-2015. Attracted following of more than 50,000+ followers on Twitter in less six months as @fcc_cio and named the "Most Social CIO" by Forbes and Huffington-Post globally in 2015. Presented before Congress and Congressionally appointed Commissioners; invited keynoter at international events. Emcee for "Next Gen Public Service Awards" in 2014 and 2015. Awarded the Roger W. Jones Award for Executive Leadership in 2013; one of youngest execs for the honor.

2010 – 2013: National Commission Executive Director. Office of the Director of National Intelligence

ODNI: Invited to lead as Principal Strategist and Executive Director with the National Commission for the Review of Research and Development Programs of the U.S. Intelligence Community in early 2012; brokered Commissioner interactions and oversaw a team of interagency assignees working with twelve Congressionally appointed bipartisan Commissioners across the Executive Branch. Led a team recommending new efforts and reviewing future science and technology plans of the entire IC and its unclassified multibillion budget, to include the CIA, NSA, FBI, DOE/NNSA National Laboratories, IARPA, DARPA, and In-Q-Tel. Met with the heads of the IC agencies to solicit their future R&D and technology needs; topics included cybersecurity, counter-nuclear R&D, machine learning, and big data analytics. Report received bipartisan praise. Invited keynoter at "Suits and Spooks" conference and the Innovative Solutions Consortium. Received the National Intelligence Exceptional Achievement Medal in 2013, and directed an interagency team receiving the National Intelligence Meritorious Unit Citation for advancing both improved security and public freedoms.



ISE: From 2010-2011 chaired initial White House subcommittee efforts to improve relations among the information integration, network interoperability, and civil liberties activities of the U.S. government. Pioneered, directed, and led responsible information sharing efforts across defense, intel, law enforcement, homeland security, and diplomatic communities internationally. Received "Best Cyber Presentation" with the DHHS CIO, emphasizing the need to advance shared services that protect civil liberties, individual privacy, public safety, and our national security in 2010. Keynoted and presented before 30+ different agencies and 100+ international industry reps; received public commendation for leadership in a report by Intelligence and National Security Alliance in 2011.

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2008 – 2010: Policy Strategist. Institute for Defense Analyses and Science & Technology Policy Institute

IDA: Deployed to Afghanistan voluntarily in 2009 as a Special Advisor to a Brigadier General for 120 days overseeing STRAT EFFECTS for NATO's International Security Assistance Force and U.S. Forces Afghanistan; tasked by new Presidential Administration to help Generals “think differently” on critical strategies to improve regional military and humanitarian stabilization operations; awarded NATO Service Medal in 2009. Awarded DOD's Joint Civilian Service Commendation Award, highest-ranking joint civilian service award under authority of combatant commanders, in 2010. Deployed in 2009 to Afghanistan to inform future DARPA efforts. Invited panelist at U.K.-U.S. closed discussions on “Measuring and Mapping Cybercrime”; invited expert with IARPA's Security & Privacy Assurance and Aggregative Contingent Estimation efforts. Served as Visiting Associate faculty, parallel with full-time work, at the National Defense University starting in 2009. Invited expert with NSF and NSA's “Science of Security” endeavor in 2009, focusing on transformative cybersecurity research.



STPI: Served and led as a strategist to POTUS, VPOTUS, DOD, ODNI, NSF, DOE, national security reps on S&T policy issues to include international crisis response, counter-terrorism, cyber & emergency communications, and continuity of operations. Led multi-team efforts spanning multiple scientific subjects and often under tight timelines; authored PhD-level strategic assessments, policy analyses, and strategic briefings for the Executive Office of the President. Produced analytic recommendations for the President's Council of Advisors on Science and Technology (PCAST); presented successful findings to White House science and national security representatives, the Federal CTO, two- and three-star military generals, and U.N. representatives; recognized as part of McKinsey's “Top Ten Business Trends to Watch”; awarded an IBM Center for the Business of Gov't Grant in 2010.

2005 – 2008: Innovation Strategist. U.S. Dept of Energy, CDC, and Sermo.com (part-time)

DOE: Developed and advised on innovative organizational and technology strategies for the Department of Energy's (DOE) Energy and Environmental Security Directorate to design and implement improved: (1) collaborations, business, and big data transformations; (2) transnational science and technology indicators; (3) crisis response leveraging scientific expertise; (4) enhanced global security coordination efforts with international partners.

CDC: Pioneered innovative organizational and technology strategies for BioPHusion pilot at the U.S. Centers for Disease Control and Prevention (CDC). to test and implement improved: (1) inter-organizational IT-enabled collaborations and business transformation within the agency; (2) biothreat situational awareness, intelligence assessments, and decision-making; (3) crisis response leveraging public-private partners and global scientific expertise; (4) enhanced global public health coordination efforts with national and international partners. Led a comprehensive agency-wide assessment of the technological, social, and business processes influencing the performance outcomes of knowledge exchanges across the agency and with the CDC's partners from 2005-2008.

Sermo.com: Advised Sermo.com as startup organization on mid- and long-term strategies for an online, knowledge ecosystem of 70,000+ physicians resulting in improved: (1) medical situational awareness leveraging web 2.0 advances; (2) national information sharing related to U.S. healthcare; (3) peer-to-peer healthcare innovations; (4) enhanced decision making across U.S. hospitals and primary care providers. Authored case studies regarding the startup company's knowledge brokering and information arbitrage amongst U.S. physicians from 2007-2008.

2000 – 2005: Associate Director of Informatics & IT Chief. Centers for Disease Control (CDC)

CDC DHAP: Directed informatics strategy across 10 different branches with a total \$650M+ budget and 600+ personnel focused on HIV/AIDS prevention at the CDC when promoted in 2004; led national informatics initiatives, international outreach, and enterprise change strategies; directed senior staff on organizational transformation, business integration, knowledge management, and innovative S&T endeavors. Oversaw division's technology assets, capital planning, and OMB submissions for multi-million dollar efforts; brokered new collaborations aided by technology across with the 50 states and internationally; monitored the progress of 220+ different enterprise application efforts.

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CDC BPRP: Led CDC's Bioterrorism Preparedness and Response Program's technology response to 9/11, anthrax, West Nile, SARS, monkeypox, ricin, and other international emergencies; received Health and Human Services Secretary's Award in 2002 for anthrax response the year prior; nominated as Federal Employee of the Year for NCID and shared similar award for SARS and monkeypox response in 2004. Directed advanced "SWAT" team of 21+ technology professionals focused on technology efforts for BT response starting in 2000 with subsequent promotions. Pioneered the U.S.'s electronic mechanisms for lab reporting via the international Laboratory Response Network for Bioterrorism with CDC and DoD; named an Innovations in American Government finalist in 2005.



1998 – 2000. Project Manager & Senior Developer. Microsoft Gold-Certified Partner & Yahoo! WebCorps

Microsoft, IntelliNet: Produced and deployed enterprise solutions in support of collaboration and knowledge management needs of Fortune 500 companies; served as a consultant with a Microsoft Gold-Certified Partner (IntelliNet) and Solution Provider. Developed, analyzed, and implemented customized enterprise-level solutions, most notably: (1) KM and business transformation solutions saving combined \$500K/year; (2) awarding-winning team solutions for organizations comprising 15,000+ employees; (3) pioneering internal R&D solutions to best leverage both specialized and interdisciplinary expertise; (4) enterprise restructuring efforts completed within-budget, on-time, and achieving 99.95% uptime. Promoted to Project Manager supporting IntelliNet's inter-office business intelligence prototyping and application development initiatives. Pioneered strategy for integrating web server technologies to support simultaneous queries across multiple databases, data-driven web personalization, and collaborative web-based knowledge management solutions; Microsoft Certified Professional, Solution Developer, and Trainer; liaised with Microsoft HQ on new XML technologies. Pioneered rapid prototyping of web applications; received "Extensibility Award" and shared in Microsoft Worldwide KM Solution Award in 1999.

Yahoo WebCorps: Invited to serve as a Yahoo! Web Corps consultant for a non-profit's (Boys & Girls Clubs of America) Internet presence, technology strategy, and future direction; provided technical leadership in designing and coordinating IT project goals for public and internal sites. Scoped a nationwide web-based outreach and integration effort for their 20,000+ facilities; identified inter-organizational collaboration gaps, opportunities, and solutions; developed two combined intranet/extranet solutions (NT4/W2K or Linux and Apache) to resolve these challenges. Served as adjunct IT consultant for similar Doctors Without Borders effort; presented project plans at Yahoo! HQ.

1995 – 1998: Lead Systems Developer & Project Manager. IDA; National Institutes of Health (NIH); CDC

IDA: Developed a prototype enterprise-scale solution using commercially available, off-the-shelf products (WinAPI, VB, C/C++) to employ space-based satellite imagery of a forest fire to detect and model a real-time event; 18 month partially classified research endeavor with the Institute for Defense Analyses. Authored paper on applying computers and satellite imagery to interagency disaster response efforts; received First prize in Environmental Science at the Virginia Junior Academy of Science and Westinghouse semifinalist, though unable to declassify fully at the time given data sources. Developed, analyzed, and implemented project's algorithms in C/C++ to calculate the trajectory, intensity, and future propagation of a fire and interfaces to provide three-dimensional views of a fire event; liaised as subject-matter expert with DOD and USDA on IT developments, data-driven scientific simulations, and geospatial analyses of space-based digital imagery from 1995-1996.

NIH: Developed, constructed, and tested an optimized National Institutes of Health computer model of the 3-D folding of protein lattice conformations mapped to Hamiltonian circuits; programmed parallel routines (FORTRAN, C/C++). Designed, debugged, and performed data-driven 3-D computational optimizations of hybridized protein-folding algorithms on clustered UNIX and Silicon Graphics machines in 1997.

CDC: Pioneered and constructed experimental Centers for Disease Control and Prevention collaboration system (WinAPI, ASP/JSP, C, Cold Fusion), to include web-based lab identification protocols for viral and rickettsial disease isolates, inventory control software, and security policies regarding lab database availability, access control, user rights, authentication, and web-based connectivity. Gained heavy exposure to networks, UNIX command shell programming, database development and querying, and network administration in 1998.

1993 – 1995: Application Developer & Project Manager. DOE; USDA; Walter Reed Army Medical Center

DOD: Designed prototype GUI for the Department of Defense's Walter Reed massive hospital system facilitating transfer of pre-op medical imagery from remote patients located in the Balkans; presented project to DOD officials. Supported installation of 10K+ network seats across the medical facility; gained heavy exposure to network operations in 1994.



USDA: Served as computer programmer and aided implementation of a web-based (pre-Netscape IPO) national U.S. Department of Agriculture database for monitoring crop growth and land usage using Gopher and Archie protocols; also provided LAN and PC troubleshooting as part of the Soil Conservation Movement's efforts in 1994.

DOE: Served as a computer programmer and network engineer assisting modeling of and initial testing of circuit board designs for the U.S. Department of Energy's Continuous Electron Beam Accelerator Facility safety measures, should the 4-GeV beam escape containment; gained heavy exposure to circuits and electrical engineering in 1993.

2004 – Present: Board of Directors. YoungGov.org NextGenGovt.com the SeniorExecs.org MapLarge.com

Foreign Relations: Named a member of the Council on Foreign Relations in 2014 and an Eisenhower Fellow to Taiwan and Australia in 2015 to discuss impacts of the “Internet of Everything” on their industry, communications, law enforcement, defense, and civilian sectors. Elected to the Board of Directors for the Senior Executive Association (SEA), also lifetime member of the SEA in 2011. Invited emcee for the NextGen Public Service Awards in 2014 and 2015, recognizing incredible professionals at local, state, and national levels of practice.

Public Speaking: Invited speaker and keynoter at multiple industry, government innovation and leadership forums including Sci Foo at Google headquarters. Awarded Arthur S. Flemming award for leadership in 2012, past winners include Neil Armstrong, Robert Gates, Sen. Elizabeth Dole, and Sen. Daniel Patrick Moynihan. Invited graduation speaker on “New Opportunities and New Challenges” at Emory University in 2013. Invited international keynoter at the Canadian Telecom Summit, Cloud World Forum, and Australian Digital Disruption in 2015.

Facilitating: Organize and host regular informal, non-attribution brainstorm sessions of “big thinkers” on how to advance public safety, security, freedoms, and prosperity for our nation and world from 2010-present. Mentor & Executive Coach to Young Government Leaders, Young AFCEA, NextGenGovt.com, and MapLarge.com (a data science startup) starting in 2011; selected to serve on two corporate Advisory Boards starting in 2005.

1993 – Present (20+ years) Additional Volunteer Activities: Habitat for Humanity and Hackathons

Habitat for Humanity: Served as a part-time volunteer with annual Jimmy Carter Work Projects and blitz builds from 1998-2001 in the Philippines, Romania, Nepal, Ghana, and South Korea and Hurricane Mitch recovery in Honduras efforts while also doing consulting work. Received Habitat for Humanity's “President's Circle” honor. Served with International Committee of the Red Cross, as a volunteer science news reporter for CNN, and as a health correspondent in South Africa covering post-apartheid public health problems in 1998; taught HIV/AIDS prevention to students in Cape Town. Continue to volunteer with Habitat for Humanity International and other NGOs, both locally and abroad in Afghanistan, Thailand, Mexico, Kyrgyzstan, Brazil, and Peru from 2001-present.

Hackathons: Invited judge for multiple hackathons. Awarded multiple International Science & Engineering Fairs and Westinghouse awards for environmental computer simulations in 1993-1996; sent as U.S.'s single representative to the South American Science Fair in Mendoza, Argentina and presented computer model of oil spills to 3,000+ students and teachers; received “El Mejor Trabajo” in 1994. Selected by U.S. Navy to work with Dr. Robert Ballard (discoverer of the sunk Titanic) for the Jason Project IV in 1993 to develop a computer model of tectonic activity and mapped hydrothermal vents around the Sea of Cortez; televised efforts internationally by CNN.

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Published Articles

Professional: Published over 30 different articles and op-eds with The Enterprisers Project, Huffington-Post, FedScoop, Federal News Radio, and NextGov. Also given over 75+ different public interviews and videos. Sample at <http://www.huffingtonpost.com/david-a-bray/taiwan-and-the-internet-ob-7034420.html>

Research: Written over 40 academic papers on collective intelligence management strategies; recognized as part of McKinsey's "Top Ten Business Trends to Watch" in 2010. Named "Most Social" CIO Globally in 2015 by Fortune and the Huffington-Post. Named "Young Global Leader" by the World Economic Forum in 2016; gave opening keynote at events in New York and Dubai. Papers at: <http://works.bepress.com/dbray/>

Testimonials

"David's a **deep thinker, can-doer, and great collaborator across institutions**, both public and private. More important, he is a strong advocate for ensuring civil liberties are protected while also encouraging collaboration and information sharing for the mission of national security. He has my highest recommendation." ~CEO at Swan Island Networks

"If I were to be asked to develop a top-tier solution to a wicked problem with few resources and - it had to be done by tomorrow - I would only accept the challenge if David could lead the effort. David's 50-lb brain, **tireless energy and uncommon wit** make any effort successful, enjoyable, and inspirational." ~CEO, Zofia Consulting



"Quite simply, he is a great communicator who engages people to solve challenging issues, think differently, and apply technology to enable smarter processes. David is the **visionary leader** that has the compassion, experience, and expertise to lead, implement, and achieve the desired outcomes in any organization." ~System Engineer with the Intelligence Community

"David combines the strengths of a **leader, scholar, entrepreneur, and a passionate change-agent**. He strongly believes that the challenges of the 21st century require us to rethink how public and private sector institutions work together on transnational issues." ~Professor at Emory University



"David is a **results-oriented supervisor who pays close attention to detail**. David puts the needs of the customer and his team first and creates a work environment conducive to excellence." ~Enterprise Engineer at the Centers for Disease Control and Prevention

"I've worked with hundreds of people with deep technical knowledge of policy, technology, or national security. **David is the only person I know whose knowledge is deep on all three**; he can speak cogently with experts in all areas. More importantly, he can speak about these same topics with non-experts, communicating complex ideas in everyday terms." ~Government & Military technologist with the Intelligence Community



"David is a leader of leaders and his interaction with individuals is **genuine, thought provoking and inspirational**. He leads by example and unites individuals from diverse professional backgrounds to explore the art of the possible at a time when it is most needed. I am fortunate to know David and the positive influence he has provided to me as a professional is one I will carry for the rest of my career." ~Corporate Executive and Founder of the Innovative Solutions Consortium

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Education:

Harvard University, Post-Doc Associate at the Harvard Kennedy School

Moderated panels with Harvard's Leadership for a Networked World Program, including "Leadership and Strategic Management for Chief Information Officers" symposium in 2008; presented and led panel discussions involving policy and implementation aspects of IT-enabled situational awareness. Taught executive-level strategy to state and local Chief Information Officers using Socratic Method and interactive case studies.

Massachusetts Institute of Technology, Post-Doc Associate at the Center for Collective Intelligence

Invited public speaker & author on (1) enhanced national security strategies to emergent threats, (2) better S&T approaches for global crisis response, (3) pioneering strategies for improved data science, organizational decision-making, and shared situational awareness for global benefit.

Designed, constructed, and implemented an interactive platform for deliberative discussions and collaborate decision-making at scale across thousands of participants.



Goizueta Business School Emory University, PhD in Information Systems

Researched innovative organizational, knowledge, and technology strategies for turbulent environments, focused on improving national security and crisis response; defended doctoral dissertation early on "Knowledge Ecosystems: Technology, Motivations, Processes, Performance" in 2008. Author of 40+ research papers, peer-reviewed research articles, and case studies online. Invited by Microsoft in 2005 and 2007 to speak at the International Conference on Information Systems re: improved, bottom-up collaborations; awarded "Best Paper, KM Track" and nominated for best paper for the conference. Guest lectured to MBA students and provided business strategy and case study research to the Federal Reserve, CNN and Turner Broadcasting, USPS, and other Fortune 500 companies.

University of Oxford, Visiting Associate with the Oxford Internet Institute

Awarded a Rotary Ambassadorial Scholarship to the U.K; invited speaker at University of Oxford Colleges, British Computing Society's Sociotechnical Lecturer Series, London Business School, London School of Economics, and several other universities on new paradigms for bottom-up approaches to organizational transformation and knowledge management in 2007. Invited to return to Oxford in 2008 and 2010 as a cybercrime researcher.

Rollins School of Public Health Emory University, MSPH in Public Health Informatics

Completed Master's thesis on IT, data science, health informatics, terrorism preparedness, and emergency response; studied service-oriented architectures, data science (including R, SAS, Stata, MatLab, SPSS), enterprise project management, software development lifecycles, biostatistics, geographical information systems, and epidemiology. Graduated with 3.9 GPA, high honors. Received Matthew Lee Girvin Award alumni award in 2005 from the Dean for "making significant contributions toward improving the lives and health of others" in 2005.

Emory College, BSCI in Computer Science and Biology

Completed Bachelor of Science for dual-majors in Computer Science and Biology; Compsci GPA: 4.0; awarded a full Emory Woodruff Scholarship; on Dean's List twice with an average of 19-20 credit hours/semester. Built computational models of neural activity, anti-cancer drug molecular folding, and HIV/AIDS in South Africa. Team Leader with Outdoor Emory and Habitat for Humanity in Atlanta. Recognized with the Emory Humanitarian Award by the University President in 2001; later received Emory Distinguished Arts and Science Alumni Award from the Trustees in 2007 and recognized Emory Alumni Luminary to speak on "Government Post-9/11" in 2011.

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