

Contact Info	Name: Joel Thomas Email: jthomas@spinglobal.co Phone: 202-731-8018
Education	M.A., Public Administration and International Development, <i>The George Washington University</i>, Washington, DC B.A., Business: Non-Profit Management And Human Resources, <i>Trinity International University</i>, Deerfield, IL
Training	Community Emergency Response Team (CERT) Basic Training (November 2013) Project Management Professional (PMP) Training (September 2013) Rape, Aggression and Defense (RAD) Training (August 2007) Drug Enforcement Administration Campus Drug Search Training (August 2006)
Certifications / Associations	Cheverly, Maryland CERT Team (2013) Project Management Institute (2013) Institutional Review Board (IRB) certification , achieved basic course requirement for social and behavioral research completed in January 2008. Certified in Acute Traumatic Stress Management and trained in support for survivors of trauma. American Academy of Experts in Traumatic Stress, Certified since 2006.
Specialties	Program development, project management, policy, resilience research, training and exercises, planning and analysis, web/mobile app development, information management, disaster & emergency management, assessments, data science, econometrics.
Software Skills	Microsoft Office Suite, ArcGIS Online, Como Mobile Applications, Third Party Application design, MEAN Stack Development.

Summary of Experience and Expertise / Experience Highlights

- A small business owner, disaster & emergency management professional with 16+ years of experience.
- Led implementation of flagship programs and projects for the U.S. Department of Homeland Security, Federal Emergency Management Agency, New York/New Jersey Port Authority, NATO, the World Bank Group, D.C. HSEMA, and the private sector. Areas of emphasis included disaster & emergency management, private-public partnerships, scientific research and development, assessments, planning, training & exercises, big data and crisis information management.
- Senior Research Fellow at Tulane University's Disaster Resilience Leadership Academy, research interests in the resilience assessments, the economy and emergency management, and private-public partnerships.
- Internationally recognized and published researcher on topics related to information management, big data, private-public partnerships, and disaster resilience assessments.
- Vice-Chair of the National Emergency Management Association's Private Sector Committee, and Chair of the Information Sharing Task Force since 2016. Published Building Operational Public-Private Partnerships in 2017, and leading v2.0 guide development.
- Invented, developed and launched www.ResponderCQ.com, an online disaster resilience assessment service and data management tool. Facilitated assessments of in 5 countries and 20 states in 2018, and hundreds of public agencies and private sector companies in 2019.
- Invented, developed and launched www.PlanetReady.com, an on-demand training and exercise platform. Used in 19 countries, by 65,000+ businesses, and city/county/state emergency management agencies nationwide.
- Experience with response including but not limited to: urban campus environment incident commander at GWU (e.g. mental health, fires, drug searches, bomb threats); Mississippi River Floods; Deepwater Horizon Oil Spill; Superstorm Sandy; Tsunami in Thailand and Indonesia; Earthquake response in Haiti; and recent public-private hurricane response coordination efforts for Harvey, Irma, Maria, Florence, Michael and Dorian.

Work Experience

Chief Executive Officer

SPIN Global, Washington, D.C.

August 2015 - Present

- Founded SPIN Global in 2015. Our corporate mission is “To Disrupt Disasters”. Formed a team of 15 staff that researches, develops and implements programs, training and exercises, and configures technologies to provide decision support solutions to problems related to disaster preparedness, risk reduction, mitigation, community resilience and homeland security.
- Provided subject matter expertise to Dun & Bradstreet since 2016, developing disaster analytical capabilities for homeland security and emergency management community. Developed economic risk profiles for counties and states. Supported design and implementation of economic impact analyses to support Hurricane Matthew, Florence, Maria, and Dorian response and recovery.
- Provided subject matter expertise to FEMA and Dun & Bradstreet in the development and rollout of “PULSE”, the Platform for Understanding Lifeline Stabilization of the Economy, both nationally and in Puerto Rico.
- Led a team of planners supporting NY/NJ Port Authority comprehensive emergency operations plan development for the 16 critical nodes in the nation’s most highly traversed critical infrastructure.
- Prime Contractor to the U.S. Department of Homeland Security (DHS) Science & Technology Directorate (S&T) First Responders Group (FRG), supported the North Atlantic Treaty Organization (NATO) Advanced Regional Civil Emergency Coordination Pilot with Croatia, Bosnia & Herzegovina, Macedonia and Montenegro (Dec 2016-Dec 2019).
- Led a team of planners and researchers supporting FEMA Region 1, 2, 3, 4, 5, 7 (spanning 32 States) All Hazards Plans incident annexes for earthquakes, hurricanes, power outages, housing, complex coordinated attacks, logistics, improvised nuclear devices, Republican & Democratic National Conventions, since 2016.
- Led a team of experts supporting World Bank Group national level emergency preparedness and response assessments in Georgia & Seychelles.
- Led a team supporting comprehensive emergency management planning, training and outreach support in the City of Fairfax, Virginia. Developed Donations Management Plan, Terrorism Plan, a series of Tabletop and Functional exercises for the City, commercials, video productions and community preparedness outreach since 2018.
- Invented, developed and launched www.PlanetReady.com, an on-demand training and exercise platform. Supported use by 65,000 businesses in preparation for 2018 hurricane season, and general participation in 20 countries, 45 states, and 6 Canadian provinces.
- Invented, developed and transitioned www.ResponderCQ.com with seed funding from DHS. ResponderCQ an online disaster resilience assessment service and data management tool. Facilitated assessments of in 5 countries and 20 states in 2018, and hundreds of public agencies and private sector companies in 2019.
- Vice-Chair of the National Emergency Management Association (NEMA) Private Sector Committee, and Chair of the Information Sharing Task Force (since January 2016), published “Building Operational Public Private Partnerships” in July 2017. Leading development of version 2.0 of the NEMA guide in 2019.
- Private Sector Co-Chair of the U.S./ FEMA National Level Exercise 2018. Supported design, development of private sector MSEL, injects, and exercise evaluation.
- Published “Bringing Academic to Practice: Disaster Resilience Assessment Findings from an Academic Literature Review” in collaboration with Tulane Disaster Resilience Leadership Academy in May 2019.

- Published “Harmonizing Global Disaster Resilience Methods and Data” in June 2019, in collaboration with Tulane DRLA, and presented at the 7th Annual Interagency Interaction Conference hosted by the NATO Crisis Management & Disaster Response Center of Excellence in Sofia, Bulgaria.
- Published “The Capability Quotient” in June 2018, and presented at the NATO Crisis Management & Disaster Response Center of Excellence in Sofia, Bulgaria.
- Published “Measuring Systems Interoperability, A Focal Point for Standardized Assessment of Regional Disaster Resilience”, March 2018.
- Published “System Architecture of Cloud Based Web GIS for Real-Time MacroEconomic Loss Estimation” in October 2016, following development, test and evaluation of disaster analytical capabilities for Florida’s Division of Emergency Management response to Hurricane Matthew.
- Supported the DHS S&T Mutual Aid Project with the development, test and evaluation of a resource allocation model and web application, and facilitated development of findings report and recommendations (published February 2016).
- Supported the DHS implementation of President Obama and Prime Minister Harper’s “Beyond the Border Action Plan” with the fourth Canada-U.S. Enhanced Resiliency Experiment 4 (CAUSE 4).

Portfolio Manager

June 2008 – December 2015

G&H International Services, Washington, D.C.

- Managed the Federal Portfolio and business unit soliciting and managing ~\$4M annual revenue which included clients at DHS and the Federal Emergency Management Agency focused on building capacity of the first responder community to manage and share information required to support day-to-day and emergency operations.
- Designed, planned, implemented and provided oversight for signature efforts including:
 - The National Conversation on Homeland Security Technology [Click Here](#);
 - The National Information Sharing Consortium [Click Here](#);
 - Beyond the Border Canada-U.S. Enhanced Resiliency Experiment Series [Click Here](#);
 - White House Incident Management Information Sharing Sub-Committee [Click Here](#);
 - DHS Virtual Social Media Working Group, which led to the enactment of the Social Media Working Group Act, signed by President Obama in November 2015. [Click Here](#);
 - The Mutual Aid Project and the Capstone 2014 Exercise [Click Here](#);
 - The First Responder Communities of Practice support for the Quadrennial Homeland Security Review [Click Here](#);
 - The Capacity Building Webinar Series [Click Here](#); and
 - The Virtual USA initiative [Click Here](#).
- Managed signature state and local projects including but not limited to:
 - Tier 1 National Special Security Event multi-agency command center support, application development and training implementation for the City of Charlotte at the 2012 Democratic National Convention.
 - Development of the State of Oregon’s award-winning (ESRI Special Achievement in GIS) common operating picture, the Real Time Assessment and Planning Tool for Oregon (RAPTOR).
- Created and managed the DHS S&T Technology Implementation Assistance team supporting 12 regional resilience projects focused on building capacity of state and local communities crisis information management capabilities.
- Led support for the DHS Kentucky Critical Infrastructure Protection Program (KYCIP) annual needs and requirements process implemented through the National Institute for Hometown Security (NIHS).

Community Director**September 2005 – June 2008*****The George Washington University, Washington, D.C.***

- Supervised six graduate-level staff responsible for seven urban residential houses with 2,600 beds, managed facilities exceeding 1.5 million square feet, and implemented a nationally recognized residential curriculum.
- Incident response commander for more than 250 emergencies on two campuses serving 7,200 residents.

Disaster Resilience Program Director**March 2005 – August 2005*****Private Volunteer Work***

- Designed and implemented a world tour to 19 countries in Asia, Africa, and the Middle East; participated in 193 meetings and led 79 service projects; taught 40 seminars; served 36 non-governmental organizations.

Resilient Israel Project Manager**May 2003 – February 2005*****Eagles' Wings, Buffalo, New York***

- Created / administered the Israel Experience College Scholarship Program and facilitated receipt of course accreditation.