Summary of Achievements and Notable Contributions

Liz York, visionary CDC leader, profoundly impacts health and well-being by empowering architects to build better environments through cross-discipline collaborations, translating information into action, and developing the next generation of leaders.

Cross-Discipline Collaboration

Liz York, Chief Sustainability Officer for the Centers for Disease Control and Prevention (CDC), shares knowledge within the architectural community and collaborates across disciplines to create synergy for innovative thoughts and solutions. She brings together experts such as microbiologists, behavioral scientists, and health educators, to improve facility design and efficiency. Liz developed national forums for sharing knowledge around topics such as our food system, Federal sustainability mandates, and plastic pollution in our oceans worldwide. Liz contributes by advancing thoughts and strategy to the profession through national conferences, publications and web media. She reaches and inspires architects and health professionals, reframing lessons from each field so they can be easily utilized to improve the other.

She engages health and building professionals in collaborative discussion and leads them to develop a shared, actionable vision of restorative architecture. For example, Liz convened a team of behavioral scientists and designers to rethink the way we use stairwells, creating prompts and events to motivate stair use across the nation. More recently, Liz led a diverse team of scientific staff and building engineers to reduce CDC water use by more than 60 million gallons a year, resulting in annual utility cost savings of $840k that can now be refocused on health. This effort at CDC’s main campus is currently being implemented at other locations nationwide. Liz is a motivational leader who empowers teams to examine the way architecture impacts people and inspires them to take creative action for improvements to our communities and to our health.

Translating Information into Action

Often the only architect in the room, Liz provides leadership and architectural expertise within the Federal community of health experts and is a key liaison between the fields of design and health. Liz understands that leadership involves identifying and translating the levers for change into actions that influence systems from multiple directions. She has strengthened understanding about the health impacts of the physical environment, gender issues in design, access to healthy food, and health equity. She embraces the architect’s role as steward of societal values and focuses attention on policy and tools that help move the profession towards problem solving for a more holistic architecture. For example, to help remove physical barriers to equality, Liz developed an AIA Best Practice guide for the design of Lactation Rooms that is widely recognized as the seminal document on the subject. Similarly, Liz has been a key leader for the team that developed Fitwel™ (Facility Innovations Toward Wellness Environmental Leadership), a nationwide system for evaluating the health promoting aspects of a building’s architecture. She has led the development of Health and Sustainability Guidelines for Federal Foodservice, a document that guides food service operators, facility managers, architects and designers across the nation to rethink the design of food service facilities to maximize healthy choices.

Developing the Next Generation of Leaders

Liz York is dynamic and helpful in developing others for the purpose of making a difference. Her work has inspired national discussion and action around the relationship between our built environments and occupant health and wellbeing. She shares these ideals with students and colleagues nationally by serving as an academic project advisor at schools, including Georgia Institute of Technology, University of California’s Bren School of Environmental Science and Management, and the Darden School of Business at the University of Virginia. In her teaching, Liz emphasizes the importance of architecture in providing solutions to shape physical and societal changes that can transform our world into a more equitable, sustainable ecosystem. Her instruction challenges the status quo to get to the underlying motivation and role of architecture – to build better environments for living.
INITIATIVES AND PROJECTS:

**CDC Design and Construction Guidelines**, 2005-2006 – Liz York led a team of architects, designers and engineers to develop comprehensive interior design and construction guidelines which are used as the basis for all specifications and design documents for CDC’s nationwide portfolio of facilities. Included amenities such as lactation rooms, active stairwells, lockers, showers and bicycle storage to improve the health supporting features of facilities. (see exhibit 1)

**AIA Best Practice - Lactation Room Design**, 2007-2008 – Translated health information into actionable architectural guidance, Liz authored Lactation Room Design for the AIA Best Practices Library. This resource shares design information about lactation rooms with the architecture and design community to help improve this health and sustainability minded amenity for occupants across the nation. (see exhibit 2)

**Federal Green Purchasing Training and Vendor Fair**, 2008 - Organized the first ever training of its kind with experts from GSA presenting 3 tracks of sessions to over 150 procurement professionals from CDC, NIH, VA and DHHS. This training provided information on purchasing green products through normal federal government acquisition methods and was certified to meet the federal green procurement training requirements. The vendor fair included approved federal vendors showcasing green office, operations and construction products and services that are available for CDC acquisition. (see exhibit 9)

**Women’s History Month Lecture Series**, 2008 - Collaborated with the Equal Employment Opportunity Office on this lecture series celebrating Women’s History Month by presenting eight speakers on Recycling, Green Purchasing, Greening the Laboratories, Green Meetings, and Transportation Choices. The Keynote was the Environmental Protection Agency’s Beverly Houston Banister, Director, Air, Pesticides and Toxics Management Division. All meetings were paperless and broadcast to reduce transportation between campuses. (see exhibit 9)

**Go Green Get Healthy**, 2008 - present – Designed, led and implemented an overarching initiative to promote health and well-being, quality of work-life, and environmental stewardship throughout the CDC community. Coordinates activities of ten sustainability workgroups, multiple operational offices and hundreds of grassroots volunteers and provides a structure for input and involvement. Leads the agency towards the vision: A green and healthy CDC including facilities, operations, food systems, energy, water, worksite-wellness, electronics stewardship, green purchasing and waste management. The initiative has been emulated by HHS and other federal agencies. (see exhibit 8)

**Sustainability Star Recognition Program**, 2008 - present - Established this program to recognize groups and individuals around the agency who work to make CDC a greener and healthier place for staff and the community at large. Since 2008, over 75 Sustainability Stars have been recognized and their stories are shared in CDC’s monthly online newsletter. Stars set the example for others across the nation to achieve their own sustainability success stories. Winners come from every CDC campus including Anchorage, AK, San Juan, PR, and Spokane, WA. (see exhibit 8)

**Website, Webcasts, Twitter**, 2008 - present - Facilitated the creation of the Go Green, Get Healthy intranet website. This internally restricted website creates a one stop shop for CDC Sustainability Information including resources and success stories. The site routinely receives 10,000 hits/month with an audience of ~20,000 contractors and employees. Developed podcasts, webcasts, tweets and [http://www.cdc.gov/sustainability/](http://www.cdc.gov/sustainability/) to share info with the public. (see exhibit 8)
**StepWELL Initiative**, 2008-2009 – Team leader who convened a diverse team of stakeholders to increase stair use in CDC buildings by improving stair finish selection, installing directional and motivational signage at the point of decision and engaging building occupants in the process. This health related and energy savings initiative has resulted in a multi campus project for signage at stairwells to encourage widespread behavioral change. (see exhibit 8)

**Building 20 Energy Challenge**, 2009 – To reduce energy, implemented a behavior change project in collaboration with facilities managers. Marketed the challenge and shared weekly energy use information with occupants to increase engagement and visibility of the effect of the campaign. Occupants turned off lights, used minimal computer power settings, and turned off/unplugged unused equipment on a daily basis to save ~ $1000 in 6 weeks. (see exhibit 10)

**Take-A-Walk Program**, 2009 - Created the Take-A-Walk Walking Guides and Maps and hosted a series of 19 one mile Earth Walks with participation of over 500 CDC personnel. These guides and maps encourage increased physical activity through walking. The program is a catalyst for positive urban development surrounding CDC campuses and impacts health and connectivity of surrounding communities. Shared this program with other employers at conferences including the Art and Science of Health Promotion and the Weight of the Nation.

**Michael Pollan, Food for Thought**, 2009 – Brought Pulitzer Prize winning writer and activist Michael Pollan to CDC to discuss the US food system. The nationwide conference and discussion explored facets of the food system and identified actions to enhance involvement of public health professionals in improving food production and delivery. Partners included Slow Food, Georgia Organics, and Emory University and participants came from health departments and food producers from across the nation. (see exhibit 9)

**GreenGauge Greenhouse Gas Inventory and Dashboard**, 2009-2011 - Developed, created and initiated the GreenGauge Visual dashboard and data collection system to measure and benchmark the CDC’s emissions and track reductions and progress toward federally mandated and HHS issued targets. This system was designed to be user oriented in order to improve transparency and engagement by operational leaders. (see exhibit 4)

**CDC Annual Reports**, 2009-present – Responsible for publishing annual quantitative and qualitative data and success stories for 18 CDC campuses across the U.S. and operations in over 20 countries. Collected and shared annual metrics for all sustainability goal areas and facilitated the collection and analysis of metrics as a part of the CDC Strategic Sustainability Performance Plan and Sustainability Implementation Plan. Gathered success stories and lessons learned to share with the Federal community. (see exhibit 8)

**LEED Facility Virtual Tours**, 2010-2011 – Created video tours for CDC LEED rated buildings to educate the public and community about the sustainability features of our newest buildings. These virtual tours give CDC visitors and staff an inside look into the ways our buildings support the health of our people as well as global environmental stewardship. Focused videos have also been developed on water and energy conversation efforts at CDC nationwide. These materials impact other buildings and serve as an example for state and local health departments and the public that CDC serves throughout the U.S. and the world (see exhibit 8)
Carlo Petrini, Food Policy + Taste, 2010 - Initiated, planned, coordinated, and provided communications and evaluations for the CDC Special event titled, “Food Policy + Taste: A European Perspective with Carlo Petrini.” Carlo Petrini, President and Founder of Slow Food International and three distinguished panelists participated in the event. Established a CDC focused Food Policy Workgroup that began to implement food policy guidance based on the discussions of this event and eventually influenced nationwide Federal food policy. (see exhibit 9)

Green Conference Planning Forum, 2010 - Initiated, planned, managed and collaborated with the US GSA Regional Administrator of GSA’s Southeast Sunbelt Region and CDC vendors to host CDC’s 2010 Sustainability Forum: How to Plan a Green and Healthy Conference. The event modeled best-practices including electronic feedback surveys and reduction of printed handouts, binders and bags. Sessions were webcast for the public to access information on carbon reduction strategies, food sourcing, recycling, virtual technology and participant health. (see exhibit 9)

HHS Strategic Sustainability Performance Plan, 2010 - present – Author and collaborator on the Department of Health and Human Services inaugural sustainability planning and implementation guide. Coordinated with other operating divisions including the National Institutes of Health, the Food and Drug Administration and the Indian Health Service to influence the design, operations and maintenance of facilities across the US, within the Native American nations of North America and at overseas posts to make them healthier and more sustainable. (see exhibit 1)

Federal Foodservice Guidelines for Health and Sustainability, 2010-2011 - Established original policy framework and collaborated with CDC scientists and Federal partners including USDA, NIH, FDA, GSA, the Park Service and the VA to develop and revise standards for all food served at federal facilities. These guidelines promote healthier and more sustainable food service across the nation as a part of the National Prevention Council Commitment and are already being implemented at 293 food service locations across the federal community. (see exhibit 5)

Greening Government: Federal Sustainability Forum, 2011 – Liz York Initiated, planned, and marketed this nationwide special event. The White House’s Federal Environmental Executive, along with GSA's Regional Administrator and operational leaders from across CDC led a panel discussion about improving sustainability in the federal government. Partnered with federal vendors and procurement leaders to host a workshop on greening procurement in the federal government and a vendor fair showcasing green products. Participation included 300 in person, over 17,000 virtually and is webcast in two parts for the public to access. (see exhibit 9)


CDC Freezer Challenge, 2011-2012 - Implemented a partnership with sustainability and operations leaders to implement an energy savings study and competition to make simple changes to CDC cold sample storage. This competition improved lab cold storage practices, increased sample access and security, reduced energy use and costs and developed key freezer management practices that support the agency’s public health mission. The project estimates savings of over $125,000 per year through simple adjustments to the management of frozen and refrigerated specimens. (see exhibit 10)
Section 2.1
Significant Work – Initiatives and Projects

CDC/GSA Leadership Forum, 2012 - Initiated, planned, managed and collaborated with CDC Director’s office, the GSA Regional Administrator and political appointee over the Public Building Service and the Partnership for Public Service to host 30 Senior Executive Service candidates from across the government. This series of presentations and discussions focused on the challenges and strategies for Leading Change in the federal government. Themes included changing the conditions for public health in contexts from New York City to West Africa and the group explored health promotion and sustainability implementation within the federal framework. (see exhibit 9)

National Preparedness Leadership Initiative – NPLiConnect, 2012-2013 – Using architectural skills and expertise, Liz led a team of emergency professionals from the Department of the Navy, the American Red Cross, the Arizona Department of Emergency Preparedness, the Harvard School of Public Health, CDC and the state and local emergency responders to develop an interactive web based tool that connects emergency professionals across multiple disciplines, various regions, organizational and jurisdictional boundaries. (see exhibit 6)

Facility Innovations Toward Wellness Environmental Leadership (Fitwel), 2012-2015 - collaborated with GSA and New York City to develop a schematic design, mock up and piloting process for this national building certification program designed to promote health and wellness through physical, operational, and policy improvements to existing buildings. (see exhibit 3)

Water Intensity Reduction Initiative, 2013-2014 - Led a team of engineers, facilities managers, laboratory scientists, communications specialists and facility managers to reduce water use at CDC’s main laboratory campus. Facilitated targeted discussions to identify potential water issues, pinpoint greatest opportunities and implement projects and operational changes to reduce water use. Reduced water use by 40.1% from FY2013 to FY2014. (see exhibit 8)

Lab Safety Improvement Workgroup, 2014 - Operational leader for a group of subject matter experts including environmental, biological and behavioral scientists, laboratory operations managers and bio-safety experts, convened to accelerate improvement of laboratory safety at CDC. Designed and implemented the process of systematically evaluating the state of laboratory safety through a series of interviews, presentations, data analyses and facilitated strategic planning sessions. (see exhibit 7)

Designs Supporting Prevention - A Collaboration of the Georgia Tech School of Industrial Design and the Centers for Disease Control and Prevention, 2014 – Developed collaboration agreement and project work plan for industrial design studio and facilitated discussions on incorporating sustainability and health in the design process. Along with improving on ergonomics and functionality, the students also learned to incorporate sustainable design and materials into their products, minimizing their environmental footprint. (see exhibit 10)

Gyre – the Plastic Ocean, 2015 – Sponsored and hosted this exhibit, in an effort to raise awareness and discourse on the global crisis of plastic pollution. Together with the Welch Foundation at Georgia State University, David J Sencer Museum of the Centers for Disease Control and Prevention and Plastic Pollution Coalition, hosted the Atlanta Science Festival, a two-day symposium featuring international experts discussing the most current research, creative response, activism mobilization and industry best practices in a quest to address runaway global plastic pollution.
**AMERICAN INSTITUTE OF ARCHITECTS AFFILIATION**

1997-present  American Institute of Architects Member
1997-present  AIA Georgia Member
1997-present  AIA Atlanta Member
1996-1997     Associate AIA Member
1996 - present Registered Architect  State of Georgia # 9035

**PROFESSIONAL CREDENTIALS:**

2013  National Preparedness Leadership Initiative – Cohort X  
      Harvard School of Public Health and  
      Harvard Kennedy School of Government

2013  Lean Six Sigma Black Belt  
      Scheller College of Business, Georgia Institute of Technology

2009  Congress for the New Urbanism - Accredited  
      University of Miami and Congress for the New Urbanism

2008  LEED – Accredited Professional  
      United States Green Building Council and GBCI
PRESENTATIONS, LECTURES AND CONFERENCES

2015  Panelist, Leadership Summit on Sustainable Design, Design Futures Council, “Government and Institutional Leadership in Sustainability”, Dallas, TX

2015  Invited Speaker, Freshman Architecture Studio, College of Architecture, Georgia Tech, “The Value of a Design Education Outside Traditional Practice”, Atlanta, GA


2015  Presenter and Host, GYRE, the Plastic Ocean Symposium, Georgia State University and the David Sencer CDC Museum, “Artists, Scientists and Activists Respond”, Atlanta, GA

2015  Presenter and Facilitator, Sustainability Interactive Conference, The Green Chamber of the South, “Challenges for Sustainability at CDC”, Interactive CSO Session, Atlanta, GA

2014  Presenter and Host, Designs Supporting Prevention, a collaboration of the Centers for Disease Control and Prevention and the School of Industrial Design at the Georgia Institute of Technology, fall semester, “Sustainability, and the Role of Design in Protecting and Promoting Health”, Atlanta, GA

2014  Presenter and Organizer, National Center for Infectious Diseases, “Laboratory Safety Improvement” Town Hall Meeting and Engagement Sessions Ft. Collins, CO

2014  Presenter, Advisory Cabinet to the Director of the Centers for Disease Control and Prevention, “Improving Laboratory Safety – Current State and Recommendations”, Atlanta, GA

2014  Presenter, United States Senate Committee on Health, Education, Labor and Pensions, Briefing, CDC Anthrax Lab Event, Washington, D.C.

2014  Panelist, Division of Cancer Prevention and Control, National Center for Chronic Disease Prevention and Health Promotion, “Cancer Survivorship Care Plans: An Overview and Discussion”, Atlanta, GA


2013  Presenter, “International Institute for Sustainable Laboratories (I2SL)” Annual Conference, “Laboratory Energy Reduction and Operational Improvement through the 2012 Freezer Challenge – Centers for Disease Control and Prevention”, Minneapolis, MN

2013  Presenter, “Brownfields 2013 – Sustainable Communities Start Here” Mobile Workshop, “Highway to Health: CDC to Emory”, Atlanta, GA


2013  Presenter and Organizer, CDC Store Smart Laboratory Symposium, “Opportunities to Improve Sustainability and Science in Laboratory Operations”, Atlanta, GA

2012  Presenter and Panelist, Atlanta Clean Air Campaign Telework Summit, “A Federal Employee Approach to Telework”, Atlanta, GA


2012  Presenter, Department of Health and Human Services, Executive Committee on Grants Administration Policy, “Engaging the Grant Community in Sustainability in Support of Healthier Communities”

2012  Presenter and Host Organizer, OPM Excellence in Leadership Program, "Leadership - Creating Individual and Organizational Alignment to Achieve Sustainability in Government Organizations”, Atlanta, GA

2012  Presenter, Department of Health and Human Services, Sustainability Task Force, “Innovations for Sustainability and Health – Focus on Goal 8 of the Strategic Sustainability Performance Plan”, Washington, D.C.


2011  Presenter and Panelist, Healthier Federal Workers Conference, “Building in Health: Campus Amenities and the Built Environment”, Washington, DC


2011  Presenter, Centers for Disease Control and Prevention, Management Council, “Sustainable Procurement: Closing the Loop with Remanufactured Toner Cartridges”, Atlanta, GA

2010  Keynote Presenter, Atlanta Chapter of Georgia Federation of Women's Clubs, “Sustainability & Health”, Atlanta, GA

2010  Discussion Leader, Congress for the New Urbanism - Urban Lab: The Cumberland Community Improvement District and Cobb County Charrette to Transform Cumberland and the Northwest Corridor Into Sustainable Transit Oriented Development Communities, Atlanta, GA

2010  Presenter and Panelist, Congress for the New Urbanism 18 - New Urbanism: Rx for Healthy Places, Sprawl Retrofit Initiative & Transportation Oriented Development Workshop, Atlanta, GA
2010 Presenter and Panelist, Art and Science of Health Promotion Conference, “Go Green, Get Healthy: Linking Personal Health and Sustainability to Increase Action”, Hilton Head, SC


2009 Visiting Faculty, University of Virginia, Darden School of Business, “Sustainability and Beyond – Greening Government through Engagement and Metrics” to a class of Department of Defense officials from around the world, Charlottesville, VA

2009 Presenter, Humana Headquarters, “Workplace Interventions for Wellness”, Louisville, KY

2009 Presenter, National Institutes of Health (NIH), National Heart, Lung and Blood Institute, Health Promotion Program Benchmark, “Go Green, Get Healthy, Innovations for Engagement”, Washington, D.C.

2009 Presenter, Centers for Disease Control and Prevention, Office of Workforce and Career Development, “Engaging the Workforce in Sustainability and Health Promotion”, Atlanta, GA


2009 Presenter and Panelist, International Facilities Management Association, “Increasing Your Facility’s Sustainability: CDC’s Go Green, Get Healthy Initiative”, Atlanta, GA

2009 Presenter and Panelist, Weight of the Nation Conference, “Go Green, Get Healthy: Using the Built Environment to Improve Workplaces”, Washington, DC,

2009 Keynote Presenter, Sustainable Atlanta Board Meeting, “Sustainability at CDC”, Atlanta, GA

2009 Presenter and Panelist, USDA Bio-Preferred Showcase, GSA Expo, “Lessons Learned in Specifying Bio-Preferred Products”, San Antonio, TX,

2009 Speaker and Panelist, Architects/Engineers/Contractors Leadership Roundtable Mega Meeting, “The realized and potential impacts of design and construction on sustainability and health”, Atlanta, GA

2009 Presenter and Panelist, National Environmental Public Health Conference, “Towards Sustainability: One Organization at a Time”, Atlanta, GA

2009 Speaker and Discussion Leader, National Environmental Health Association, “How Can Environmental Health Professionals Promote Sustainability in Their Spheres of Influence?” Atlanta, GA

2006 Keynote Speaker and Panelist, Construction Management Association of America, “Public Sector Construction and Renovation Projects”, Atlanta, GA
LEADERSHIP AND PROFESSIONAL SERVICE:

2015 AIA National Committee on the Environment, COTE Summit, AIA Pre-Convention Visioning Workshop, Perkins + Will, Atlanta, GA

2015 Reviewer WELL AP Test Development Reviewer, International WELL Building Institute, GBCI, Test developer and reviewer for new building rating system in support of healthier built environments.

2013-2015 Founding member, Health in Buildings Roundtable, NIH, Formed nationwide think-tank formed to identify and support research that addresses human health and building impacts, and apply the most advanced research to design, and construction to assure that human health needs are fully supported.

2014 Interactive Chief Sustainability Officer Session Leader, Sustainability Interactive Conference, Green Chamber of the South

2010-2014 Federal Interagency Sustainability Working Group Member, Focused on promoting sustainability best practices across the Federal government.


2011-2012 Consultant, Fort McPherson Redevelopment Project, Centers for Disease Control and Prevention, consulted and made recommendations for redevelopment design guidelines to promote health.

2011 Concept Proposal Reviewer, National Center for Environmental Health, CDC. Reviewed 19 grant proposals and made recommendations for the Healthy Community Design Team Proposals for Health Impact Assessments including grant proposals from states, towns, universities, sovereign nations & regions.

2010-2012 Stakeholder Advisory Committee, Clifton Corridor Transportation Alternatives Analysis, Metro Atlanta Rapid Transit Authority


2009 Concept Proposal Reviewer, American Reinvestment and Recovery Act, Economic Stimulus Response Team, CDC. Reviewed 21 grant proposals and made recommendations for Integrated Evidence-Based Community Approach proposals to improve public engagement infrastructure, expand healthy community design, implement a food resource inventory and establish environmental interventions for asthma prevention.

2008 CDC Family Day, Tour leader for CDC High Containment Laboratories in the Emerging Infectious Diseases Laboratory, CDC

2006-2008 Chair of the Architecture and Engineering Training Committee, Design and Construction Management Office, CDC

2006 Founder and Chair of the Design and Construction Sustainability Policy Workgroup, CDC

2004-2006 Design and Construction Standards, Interior Architecture Standards Chair, CDC
JURY EXPERIENCE AND ACADEMIC SERVICE:

2015  Invited Speaker, Georgia Tech Women’s Conference 2015
2015  Visiting Critic, Mike Rice Design Competition Jury - Freshman Architecture Studio Awards, College of Architecture, Georgia Tech
2014-2015  Search Committee for the Chair for the School of Architecture, Georgia Institute of Technology
2014  Student Mentor, Face to Face With the Future, College of Architecture, Georgia Tech.
2014  Mentor and Host, Prospective Student Office Visit, College of Architecture, Georgia Tech.
2014  Student Mentor, Emory University’s 7th Annual Green Networking Night, Emory University
2013-2015  Executive Advisory Board to the Dean, College of Architecture, Georgia Tech.
2013-2014  Project Collaborator and Visiting Critic, Undergraduate Design Studio, School of Industrial Design, “Designs Promoting Prevention” a collaboration of the Centers for Disease Control and Prevention and the Georgia Institute of Technology
2012-2015  College of Architecture ADVANCE Program – Increasing the Participation and Advancement of Women in Academic, Science, and Engineering Careers, Georgia Institute of Technology
2013  ADVANCE interview panel, Dean Search for the College of Architecture, Georgia Tech. Working within the National Science Foundation’s (NSF) ADVANCE program to increase the representation and advancement of women in academic science and engineering careers, thereby contributing to the development of a more diverse science and engineering workforce.
2013  Student Mentor, Emory's Department of Sustainable Initiatives, Environment and Development – Awareness and Networking Night
2013  Visiting Jury Critic, Graduate Design Studio, School of Architecture, Georgia Institute of Technology
2010-2011  Graduate Project Advisor for University of California’s Bren School of Environmental Science and Management and Kaiser Permanente on changing the food production system to promote healthier environments.
2010  Discussion Leader for Health in All Policies Federal Stakeholders Meeting, Georgia State University
2010  Group Leader for Emory's Walk and Roll campus walking path “Art Walk” charrette. Mapped a two mile accessible walking route including sculpture and art objects on the Emory Campus.
2009  Advocate for Emory University’s bid for an Urban Land Institute grant to create a wheelchair and walker-friendly campus.
2008-2015 Kick-off Speaker and advisor for the Georgia Tech Chapter of Alpha Gamma Delta’s annual student recruitment interviews, evaluations, selection and onboarding.

2004-2007 Chapter Advisor for the Georgia Tech Chapter of Alpha Gamma Delta, Georgia Institute of Technology. Chair of the Executive Council and responsible for the success of all aspects of the 100 member student organization. Led a team of graduate volunteers and undergraduate students in chapter goal setting, organizational planning, procedural planning, education and training, recruitment programs, recognition programs, disciplinary actions, philanthropic endeavors, public relations, campus relations, risk management, elections and officer/advisor training.

2006-2007 Mentor for the Georgia Tech Alumni Association Mentor Jackets Program.

2004-2005 Founding Member of the Georgia Tech Alumni Association Greek Advisory Council

2004-2007 Collegiate Advisory Board member for The Leadership Institute - Women With Purpose, Inc. Worked with the Executive Director to develop the concepts and delivery methods for the resources and tools of this start-up not-for-profit organization focused on leadership education for women.

1999-2004 Graduate Advisor for the Member Development Team of the Georgia Tech Chapter of Alpha Gamma Delta. Member of the Executive Council. Responsible for all programming, training, education, chapter team building, member personal development and new member onboarding activities. Responsible as a leader and contributor to this organization which was recognized as the “Most Improved Chapter” at the 2004 International Convention, as well as the chapter who has “Influenced the International Fraternity the most through Technological Innovation” for the triennium 2001-2004.

1997-1999 Graduate Advisor for the Campus Relations Team of the Georgia Tech Chapter of Alpha Gamma Delta. Member of the Executive Council and responsible for developing a strong and positive relationship with the Georgia Tech Panhellenic Council and the Dean of Students.

1995-1997 Graduate Advisor for the Activities Committee of the Georgia Tech Chapter of Alpha Gamma Delta. Responsible for encouraging involvement of collegiate members in campus and Chapter activities and instituting a new activities tracking system.

1994 Georgia Tech International Scholarship Selection Committee, Georgia Tech Foundation

“I served on the Executive Board of Gamma Phi for three years while Liz was Chapter Advisor. Liz was able to lead the chapter through a developmental phase and really help motivate the student leaders and grow the advisor team. During her tenure, the chapter improved across the board - specifically in regards to scholarship and leadership, even securing the Chapter of Excellence title multiple times. Liz helped me develop personally as a leader, especially during my term as President. Liz helped develop every skillset that I use in my job today - from project management and analytics to the idea of continuous improvement and public speaking. Liz is an invaluable asset to any organization and is a truly fantastic role model.”

- Kristen Kerns
Regional Vice President, Oak Street Health, Chicago, IL
COMMUNITY SERVICE:

2011-2014 International Vice President, Extension for Alpha Gamma Delta International Fraternity responsible for all expansion activities for an organization of over 110 active collegiate chapters and 160,000 undergraduate and graduate members. (2011-2014) Selected to start new chapters by the student led extension committees at Villanova University, Tufts University, Case Western University, University of Southern California, University of California Los Angeles, San Diego State University, Appalachian State University, St. Joseph's College Patchogue and St. Joseph's College Brooklyn. Installed new chapters at Austin Peay State University, Boise State University, University of Southern California, San Diego State University, University of California, Los Angeles, Villanova University, St. Joseph's College Patchogue and St. Joseph's College Brooklyn and an unprecedented 295 member extension effort at the University of South Carolina. Invited to present at the schools above as well as Tulane University, Vanderbilt University, Texas Christian University, Georgia Southern University, and Kennesaw State University. Directly provided leadership development opportunities for women and minorities to higher education institutions across the United States and Canada.

2011-2014 Elected Member of the International Council of Alpha Gamma Delta responsible for the governance of the organization. Increased membership, revenues, grants received and holdings fourfold over the three year period.

2010-2011 Director of New Chapter Development, Alpha Gamma Delta, responsible for the growth and development of the undergraduate students and graduate advisors at our new chapters at Virginia Institute of Technology, University of Ontario Institute of Technology, Syracuse University, Westminster College, Roosevelt University, Arizona State University and Boise State University that together represented a total membership of over 1,000 members and alumnae.

2007-2010 Education Committee member for Alpha Gamma Delta, responsible for the development and maintenance of a comprehensive and cohesive education plan for the collegiate and alumnae members of the organization including leadership development and service learning outcomes for each year of collegiate membership. Developed an innovative new curriculum map which included specialized level specific learning for each class and utilized cross class collaborative learning as well as multi-generational learning with alumnae members and graduate advisors.

2001-2014 Chairman of Church Women's Circle leading outreach, ministry, and service projects. Church Parsonage Committee, Church Green Team, Vacation Bible School Volunteer, Girls Basketball Coach, Girls Volleyball Coach.

1991-1999 AIA Georgia Technology Committee Member, AIA Tour guide, Habitat for Humanity day coordinator and prototype designer, Mad Housers

“The Alpha Gamma Delta Chapter that Liz created at USC is truly a unique microcosm of the University. Members are from around the country and around the globe who come to pursue degrees in disparate disciplines including Neuroscience, Creative Writing, Biology, Business, Journalism, Occupational Therapy, Design and Engineering. Through Liz's leadership, the team tapped into a variety of campus communities, and created a new and thriving community dedicated and passionate about improving the campus, the local community and the world.”

- Lynette Merriman
Assistant Provost for Student Affairs, University of Southern California
ADVISEMENT AND MENTORSHIP

Liz York is committed to growing the next generation of leaders in any field and educating them about leadership, sustainability and health. Over the years, Liz has mentored hundreds of students through various mentorship programs, organizations and courses. Included in this list are students that Liz mentored for an extended period of time or for a focused operational project or initiative. The breadth and depth of these students future impact on sustainability and health in their fields is immense and the geographical reach includes more than fifteen cities on three continents. In many cases, Liz is the only architect that these students have ever worked with and she is an exemplar for them of design thinking and architectural problem solving techniques that are applicable in their diverse chosen fields.

Caption: This map shows the current location of students Liz has mentored in the past 15 years.

Sanivation (Sanitation+Innovation) - Most notably, one of Liz’s student interns started an organization that brings sanitary toilets, handwashing and waste management to the developing world. The student is currently located in Kenya doing a comparative study on various mobile toilet designs and waste treatment options.

Home Depot - Another student advised by Liz is worldwide manager of the energy market sector. To address global energy market needs, she expanded product offerings to include solar power collection equipment and LED lighting during her tenure.

Liz inspires the students that she works with to make a difference in the world by addressing societal needs through good design and stewardship in whatever sector or profession they practice.

2014 Shelby Rittweger, BS, Biology/Biological Sciences, Georgia Institute of Technology
Internship Focus: Renewable energy research and communications
Current Position: Georgia Department of Agriculture Intern

2014 Claire Pendergrast, BS, Biology, Environmental Studies and English, Dartmouth College
Internship Focus: Autoclave energy and water use, data analysis
Current Position: Senior Sustainability Consultant and Sustainable Living Center Undergrad Advisor, Dartmouth College

2014 Sue Song, Masters of Public Health, Health Policy and Management, Emory University
-2015 Internship Focus: Quality Improvement data evaluation and reporting
Current Position: Masters of Public Health Candidate, Health Policy and Management, Emory University

2013 Elizabeth Darden, Bachelor of Science (BS), Marketing, University of South Carolina
-2014 Position Advised: Founding Member & first President, Alpha Gamma Delta, University of South Carolina
Current Position: Student, University of South Carolina

2012 Aubrey Harris, B. A. Education, Austin Peay State University
-2013 Position Advised: Founding Member & first President, Alpha Gamma Delta, Austin Peay State University
Current Position: Leadership Consultant, Alpha Gamma Delta Fraternity Headquarters

2011 Christina Tobitsch, BS, Environmental Science, Natural Resources, The University of Connecticut
Internship Focus: White papers and research on Alleviating Childhood Asthma & Green Purchasing
Current Position: Master's Degree Candidate, Environmental Conservation Education, New York University
2011  Noah Prosser, Bachelor of Arts, Environment, Economics and Politics, Claremont McKenna College  
Internship Focus: Air Quality and Respiratory Health Analysis, Multimedia Educational Materials  
Current Position: Associate Treasury Program Officer at California Alternative Energy and Advanced Transportation Financing Authority

2011  Desiree McNair, Master of Public Health, Emory University  
-2013 Internship Focus: Agency-wide Worksite Wellness Campaign  
Current Position: Program Management Officer for the WorkLife Wellness Office, CDC

2011  Brandie Van Order, B.A., Political Science, International Relations, Boise State University  
-2012 Position Advised: Founding Member & first President, Alpha Gamma Delta, Boise State University  
Current Position: Graduate Assistant - Student Leadership Development, Vanderbilt University

2010  Andrew Foote, BS Environmental Engineering, Georgia Institute of Technology  
Internship Focus: Single Stream recycling evaluation and behavior change research  
Current Position: Co-Founder Sanivation, bringing toilets to the developing world

2010  Caryn Womack, BS, Science Technology and Culture, Georgia Institute of Technology  
-2013 Internship Focus: Sustainability event management and employee engagement  
Current Position: Lead Communications Specialist, Quality and Sustainability Office, CDC

2010  Marjorie Coy, Master of Public Health, Emory University  
-2012 Internship Focus: Sustainability and Health, Food System Guidelines  
Current Position: Public Health Scientist, CDC

2010  Paul Smith, Master of Science, Health Administration, Georgia State University  
-2012 Internship Focus: Sustainable Information Technology and Purchasing, Recycled Toner and Paper Pilots  
Current Position: Public Health Analyst, Office of Public Health Preparedness and Response, CDC

2010  Ijeoma Perry, Master of Public Health, Health Policy and Management, Emory University  
-2012 Internship Focus: Green Chemistry and Hazardous Chemical Reduction, Freezer Challenge  

2009  Dylan Green, Master of Public Health, Global Health, Emory University  
Internship Focus: Sustainability Benchmarking Study and Data Analysis  
Current Position: Health Economist, Center for Global Health, CDC

2009  Cerise Robinson, Master of Public Health, Research Epidemiology, Loma Linda University  
Internship Focus: CDC Worksite Wellness Toolkit Development, Wellness Evaluation Research  
Current Position: Epidemiologist/Research Fellow, Federal Drug Administration

2008  Cecelia Angelone, Bachelor of Arts, Environmental Studies, University of Vermont  
Internship Focus: Transportation and Telework Survey and Reporting  
Current Position: MSc Population and Development Candidate, London School of Economics & Political Science

2008  Tiffany Cain, BS Management, Georgia Institute of Technology  
Internship Focus: Sustainability Work Group Leader Liaison  
Current Position: Program Analyst, Office of Non-communicable Diseases, Injury and Environmental Health, Centers for Disease Control and Prevention, Washington, DC

2008  Kiran Patel, Master of Public Health, Behavioral Sciences and Health Education; Health Education  
Internship Focus: Sustainability marketing, behavior change and health  
Current Position: Program Manager, Global Child Health, American Academy of Pediatrics

2008  Katie Dieterman Sammarco, Bachelor of Science, Psychology, Georgia Institute of Technology  
Internship Focus: Sustainability Strategic Plan development and start-up activities  
Current Position: HR Business Partner at BlueLinx Corporation, building products distributor
**Section 2.1**

**Significant Work – Advisement and Mentorship**

Liz York, AIA, LEED-AP

---

2008 Richelle Gosman, BA, Sociology, Emory University
-2010 Internship Focus: Building Energy Challenge, Sustainability Newsletters, behavior change
Current Position: Community Planner at DOT, Federal Transit Administration

2008 Laura Janet Graveson, MBA Marketing, Georgia Institute of Technology
-2010 Internship Focus: Greenhouse Gas Inventory, Communication and Events Planning and Implementation
Current Position: Budget Policy Analyst, Office of the Chief Financial Officer, CDC

2008 Amanda Kudis, Master of Public Health, Emory University
-2010 Internship Focus: White papers on sustainability and health, monthly Sustainability update
Current Position: Senior Programmer Analyst, Mathematica Policy Research think tank

2008 Kristen Kerns, BS, Industrial & Systems Engineering, Entrepreneurship, Georgia Institute of Technology
Position Advised: President, Alpha Gamma Delta, Georgia Tech
Current Position: Regional Director of Operations, Northern Indiana, Enlivant, assisted living communities

2008 Dedra Casey, B.S., Economics, Georgia Institute of Technology
-2008 Position Advised: Vice President Recruitment, AGD, GT
Current Position: Consultant at Bain & Company, global consulting

2006 Carol Girata, Bachelor of Science, Mechanical Engineering, GT
Position Advised: President, Alpha Gamma Delta, Georgia Tech
Current Position: Advisor for Undergraduate & Graduate Programs, Department of Mechanical Engineering, University of Michigan

2006 Kristen Hector, B.S., Industrial & Systems Engineering, GT
Position Advised: Vice President Member Development, AGD, GT
Current Position: Sales Consultant, Paychex, business support

2005 Ashley Harwell, BS Management, Georgia Institute of Technology
Position Advised: Vice President Recruitment, AGD, GT
Current Position: Human Resources, Synergis, strategic IT staffing

2005 Christina Morton Minderman, BS, International Affairs, GT
Position Advised: Risk Management Coordinator, AGD, GT
Current Position: Strategy and Technology Consultant, Booz Allen Hamilton

2004 Caroline Mahoney, BS Management, Georgia Institute of Technology
-2005 Position Advised: Vice President - Member Development, President, Alpha Gamma Delta, Georgia Tech

2003 Michelle Boulineau, Bachelor of Science, Science, Technology & Culture, Georgia Institute of Technology
Position Advised: Vice President Member Development, Alpha Gamma Delta, Georgia Tech
Current Position: Director, HR Advisory Services at The Hackett Group, business process improvement

2003 Angela Mulberger Behnken, Bachelor of Science, Industrial Design, Georgia Institute of Technology
-2004 Position Advised: Vice President - Member Development, President, Alpha Gamma Delta, Georgia Tech
Current Position: Manager, North Highland UK, global consulting

2001 Kara Kazazean, B.S., Industrial & Systems Engineering, Georgia Institute of Technology
Position Advised: Vice President Operations, Alpha Gamma Delta, Georgia Tech
Current Position: Director Payment Services, Walmart

1999 Jessica Keeseke, B.S., Mechanical Engineering, Georgia Institute of Technology
-2001 Position Advised: Vice President Member Development, Alpha Gamma Delta, Georgia Tech
Current Position: Lawyer, Associate, Meunier Carlin & Curfman, LLC

---

“Liz and I served on the Executive Council team as advisors together for several years. Liz has a passion and spirit that few people can rival. She is always looking for better ways for a team to accomplish tasks and has a contagious energy. Liz is equally comfortable in the details or looking at the big picture, as different situations may require. I most enjoyed the times that Liz and I worked through various issues, talking through possible solutions and building on one another’s ideas to work towards the best outcome.”

- Kara Kazazean
Director - Payment Services
Walmart, Bentonville, AR
SELECTED HONORS, AWARDS AND RECOGNITION:

2014  Department of Health and Human Services Green Champion Award, Roybal Campus Water Use Mitigation Team. (see exhibit 8)

2014  CDC Honor Award, CDC Director’s Award for Excellence in Laboratory Quality, Lab Safety Improvement Workgroup for improving facilities support, safety procedures and containment and inactivation protocols to strengthen safety for laboratory scientists and the public. (see exhibit 7)

2014  CDC Honor Award, CDC Director’s Nominee for Excellence in Domestic Emergency Response, Anthrax Laboratory Exposure Response Team for root cause analysis and containment support for potential anthrax release.

2014  Georgia Institute of Technology Greek Hall of Fame, inaugural inductee for long term, significant service to the institute, the Greek community and the students of Georgia Tech in mentoring, coaching and service in leadership, scholarship and stewardship.

2014  International S-Lab Conference - Highly Commended for Laboratory Effectiveness, for the CDC Freezer Challenge operational energy efficiency initiative – London, England. (see exhibit 10)

2014  Office of the Chief Operating Officer Honor Award Nominee, Individual Leadership Award, for Lab Safety Improvement Workgroup leadership. (see exhibit 7)

2014  Office of the Chief Operating Officer Honor Award Nominee, Efficiency Award, for the Roybal Water Use Mitigation Team. (see exhibit 8)

2014  Senior Leader Award for the Office of Safety, Security and Asset Management, for superior leadership performance as the Operations Manager for the Laboratory Safety Improvement Workgroup. (see exhibit 7)

2013  GreenGov Presidential Award, Green Innovation, The White House, Awarded for innovation in bringing sustainable solutions to the everyday operations of the federal government. Led the CDC project team in the development of an agency-wide campaign to reduce energy use and costs associated with laboratory freezers and sample management. (see exhibit 10) [http://www.whitehouse.gov/the-press-office/2013/11/05/...greengov-presidential-awards]

2013  Department of Health and Human Services Green Champion Award, CDC and City of Atlanta Green Building Cooperation Initiative – CDC partnered with city of Atlanta officials to coach and mentor them on upcoming projects in order to reach LEED certification standards. City staff visited our LEED Gold and Silver buildings and talked with CDC staff on strategies for economically building sustainable facilities.

2013  CDC Honor Award, CDC Director’s Award for Excellence in Workforce Wellness, for the Healthiest CIO Challenge Planning Team for developing a CDC wide wellness challenge that engaged over 3,000 employees to increase their daily physical activity to 30 minutes per day for 8 weeks.

2013  CDC Honor Award, CDC Director’s Award for Innovation in Science, for laudable efforts during the 2012 Freezer Challenge in support of CDC’s goals to reduce energy use. (see exhibit 10)
Section 2.2
Significant Work – Selected Honors, Awards and Recognition

2013

Sustainability Who’s Who, Liz was one of two architects recognized by Atlanta Business Chronicle’s inaugural list of 50 Atlanta sustainability leaders including Atlanta Mayor Kasim Reed and environmental advocate, Laura Turner Seydel, Chair of the Captain Planet Foundation.

2012

Department of Health and Human Services Green Champion Award, for CDC Laboratory Freezer Energy Reduction Challenge. (see exhibit 10)

Environmental Protection Agency Federal Electronics Challenge, supporting contributor for CDC’s recognition as a Platinum Level Partner.

2011

CDC Honor Award, CDC Director’s Award for Excellence in Environmental Conservation, for the Green Gauge System Development Group. (see exhibit 4)

Department of Health and Human Services Green Champion Award, Small Group Winner for CDC Remanufactured Toner Cartridge Pilot Program.

Environmental Protection Agency Federal Electronics Challenge, supporting contributor for CDC’s recognition as a Gold Level Partner.

2010

Special Act or Service Award, for key leadership for the HHS Sustainability Planning Team and the Sustainability Task Force. (see exhibit 5)

Department of Health and Human Services Green Champion Award, Small Group Winner for the CDC Greenhouse Gas Inventory Reporting Program. (see exhibit 4)

Department of Health and Human Services HHS Innovates Secretary’s Honorable Mention, for making healthy eating the easy choice for Federal Facilities Cross Agency Group Project. (see exhibit 5)

Department of Health and Human Services HHS Innovates Secretary’s Honorable Mention, for implementing CDC’s Lab Recycling program.

Department of Health and Human Services Individual Nominee for the GreenGov Presidential Closing the Circle Awards, Sustainability Hero, Departmental nominee for the Federal Government’s most prestigious individual sustainability award for key leadership in conceptualizing and establishing HHS’s Sustainability program nationwide.

Department of Health and Human Services Individual Green Champion Award, Sustainability Hero Winner for sustainability collaboration and leadership within CDC and HHS.

CDC Director’s Award, for outstanding contribution and accomplishments through the American Recovery and Reinvestment Act of 2009 while serving on the CDC Economic Stimulus Response Team evaluating grant proposals for public health interventions and studies affecting the built environment.

Environmental Protection Agency Federal Electronics Challenge, supporting contributor for CDC’s recognition as a Silver Level Partner.

2009

Department of Health and Human Services Green Champion Award, Small Group Honorable Mention, Styro-cycler foam recycling project.
2009 Recognition for Leadership and Dedication to Sustainability and Support of CDC Women’s History Month. (see exhibit 9)

2008 Department of Health and Human Services Green Champion Award, Institutional Winner for leading the Go Green, Get Healthy Environmental Management System Program for CDC (see exhibit 8)

2008 CDC Director’s Award of Appreciation, for leadership of the Go Green Get Healthy Initiative. (see exhibit 8)

2002-2008 Certificate of Distinguished Service from the Director of the Division of Nutrition, Physical Activity and Obesity, for outstanding contributions, dedication and commitment to the Healthy Worksite Initiative (HWI) and for participating in the HWI team to bring innovative healthy choices to CDC and the nation.

2002-2008 Arc with Diamond Award from the Alpha Gamma Delta International Council, for continuous and outstanding volunteer leadership and service as a mentor and advisor to the women of the Georgia Tech Chapter and the International fraternity. (see exhibit 10)

2007 Special Act or Service Award, for leadership of the project team on the Demolition of Building Two, CDC Roybal Campus which successfully recycled 64% of all demolished materials.

2007 Special Act or Service Award, for leadership of the Design, Construction and Procurement Coordination Project.


2006 Special Act or Service Award, for collaboration on the design and cost estimating efforts on the Lab Consolidation Project – Building 23.

2005-2006 Georgia Alpha Gamma Delta Outstanding Alumna Award, demonstrating outstanding volunteer service and leadership for the women of the Georgia Tech Chapter and the State of Georgia. (see exhibit 10)

2000-2001 Imogene Shore Worthy Outstanding Alumna Award, by the Georgia Alumnae Chapter of Alpha Gamma Delta for outstanding volunteer service and leadership for the women of the Georgia Tech Chapter and the State of Georgia. (see exhibit 10)

2000 On the Spot Award, in appreciation for the outstanding performance shown by serving as a subject matter expert for recruitment/selection of entry level positions within the CDC Design and Construction Management Office.

1997 – 2001 Arc Award from the Alpha Gamma Delta International Council, for continuous and outstanding volunteer leadership and service as a mentor and advisor to the women of the Georgia Tech Chapter and the International fraternity. (see exhibit 10)
SELECTED PUBLICATIONS:

2015  **Author, Anthology of Biosafety, American Biological Safety Association, Chapter 8, “Sustainability is a Team Sport - Improving Worker Health through Biosafety and Sustainability”**

Describes Federal mandates for Health and Sustainability, details one organization’s methods for meeting the challenge to improve worker health and sustainability, and outlines a framework for implementing sustainability and health programs.

2013  **Author, The Value of a Design Education Outside Traditional Practice, DesignIntelligence**

Explores the ways design education has influenced work in careers besides a traditional architectural practice. Describes architectural design process concepts applied to non-building related projects.

2013  **Lead Author, “Go Green, Get Healthy: An Agency-Wide Effort to Reduce Energy Use and Move CDC Toward Sustainability”, Journal of Energy Engineering / American Society of Civil Engineers**

Identifies low-cost ways to reduce energy and water consumption; describes ways to influence workers to adopt more sustainable behaviors; and discusses ways to integrate energy-management decision-making processes and standard operating procedures.


Outlines latest scientific evidence and best practices to promote sustainability, health and well-being utilizing responsive facility design, active stairways, fitness facilities, LEED for commercial buildings, and healthy built environment interventions.

2008  **Author, American Institute of Architects Best Practices Library, “Lactation Room Design”**

Describes the challenges of returning to work as a new mother and outlines the elements of good design for architects and designers to consider when planning and constructing Lactation Rooms.

“Hospitals and health systems were excessively slow in understanding sustainability and the importance of built environments, including in years past my former employer, CDC. Liz York is a superbly credentialed architect, who has been an essential leader in creating positive change at CDC, in Georgia and nationally. She is fully deserving of Fellowship at AIA.”

- Richard J. Jackson MD, MPH, FAAP, Hon. AIA, Hon. ASLA
  Chief Author, Making Healthy Places...
  Chair, Environmental Health Sciences, Fielding School of Public Health, UCLA
EXHIBIT LIST

TRANSLATING INFORMATION INTO ACTION

3.1 Federal Sustainability Policies and Design Guidelines
Developed and implemented sustainability policy at the Office, Agency, Department, and Government wide levels.

3.2 AIA Best Practice Library – Lactation Room Design
Authored this seminal work to empower architects to support equity in their designs by including lactation rooms.

3.3 Facility Innovations Toward Wellness Environmental Leadership (Fitwel) Building Certification Program
Developed and piloted this national building certification program designed to promote health and wellness across the nation.

3.4 GreenGauge Greenhouse Gas Inventory and Dashboard
Established and designed this visual dashboard and data collection system to track progress toward federally mandated sustainability targets.

LEADING CROSS-DISCIPLINE COLLABORATION

3.5 Federal Foodservice Guidelines for Health and Sustainability
Led a team of procurement, food service operations, and health experts to develop guidelines to promote healthier and more sustainable federal food service.

3.6 National Preparedness Leadership Initiative Connect (NPLiConnect)
Led a team of emergency professionals to develop an interactive web based tool that connects emergency professionals across disciplines, organizations and jurisdictions.

3.7 Laboratory Safety Improvement Workgroup
Led a group of environmental, biological and behavioral scientists, laboratory operations managers and bio-safety experts, to accelerate laboratory safety at CDC.

3.8 Go Green Get Healthy Initiative (GGGH)
Leader and designer of an overarching initiative to promote health and well-being, quality of work-life, and environmental stewardship throughout the CDC community.
Example projects: StepWELL Initiative Water Intensity Reduction Initiative

DEVELOPING THE NEXT GENERATION OF LEADERS

3.9 Sustainability Forum Nationwide Event Series
Leader and sponsor for this national series of speakers, workshops and events to empower and engage new leadership through awareness, discourse and collaboration about sustainability topics.

3.10 Student and Professional Development Programs
Developer and advocate for sustainability education for students including K-12, undergraduate, masters, PhD and post-doctorate programs.
Example student projects: Building 20 Energy Challenge Laboratory Freezer Challenge
Federal Sustainability Policy and Design Guidelines

In the Federal Government, policy is an important lever for wide sweeping cultural change. Liz has been a leader in developing and establishing Sustainability policy at the Office, Agency, Department and Government wide levels over the past 15 years.

When Liz York arrived at the CDC in 1999 she identified the need for a comprehensive sustainability policy for the Design and Construction Management Office. She worked with management, pulled together a committee of peers and led the group to establish a comprehensive sustainability policy. In 2005, Liz and the office developed the CDC Design and Construction Standards the model for all consulting architects and engineers that design CDC buildings. Under Liz’s leadership as Chief Sustainability Officer, this document is continually revised to meet federal mandates.

More broadly, Liz has been a leader in developing federal sustainability guidance. She has been active in numerous working groups and federal committees responsible for setting policy for federal facility sustainability. Her work impacts facilities across the nation as evidenced by her review and revision of Executive Orders “13514-Federal Leadership in Environmental, Energy, and Economic Performance” and “13693-Planning for Federal Sustainability in the Next Decade”. Liz worked to translate these EO’s into actionable departmental policy, the first HHS Strategic Sustainability Performance Plan and CDC Sustainability Implementation Plan. Liz is the primary author of these inaugural documents and is consulted on revisions.

These documents serve as the outline for sustainability requirements for all HHS operating divisions including the National Institutes of Health, the Food and Drug Administration, the Indian Health Service and the Centers for Disease Control and Prevention. With this policy work, Liz has influenced the design, operations and maintenance of facilities across the US and overseas.

“When we were conceptualizing the Department of Health and Human Services Sustainability program, Liz York’s insight shaped the effort to enable it to succeed. Her background as an architect, with remarkable skills in collaboration, communication and change management, resulted in the development of an exceptional Sustainability Program that has served HHS for over five years. Liz’s professionalism and commitment to excellence make her worthy of becoming a Fellow in the AIA.”

- Dan Wheeland, P.E.
Director,
Office of Research Facilities
National Institutes of Health
Washington, DC

Caption: Presidential Executive Orders and the HHS Strategic Sustainability Performance Plan.

Declaration of Responsibility: I have personal knowledge of the nominee’s responsibility for the project listed above and that responsibility included authorship and advocacy.

Theodore Kozak, PE
Chief Engineer, Real Property Management Services Program Support Center Department of Health and Human Services, Washington, D.C.

Caption: CDC’s Domestic Facilities footprint is over 240 buildings comprised of roughly 7M GSF in 20 states including Alaska, Hawaii and Puerto Rico.
Liz York authored the seminal work on Lactation Room Design for the AIA Best Practices Library to empower architects to support gender equity in their designs by including lactation rooms.

To provide a positive environment for CDC working mothers, Liz collaborated with the chronic disease center to develop guidelines for lactation rooms as a part of the CDC Lactation Support Program. Liz incorporated these into the CDC Design and Construction Standards and guided architects on lactation rooms for CDC buildings. To promote this guidance with the whole profession, Liz authored Lactation Room Design for the AIA Best practices website. In addition to aia.org, Liz also published the information on Wikipedia to reach a broader audience.

Liz has been contacted over 75 times about this AIA Best Practice including inquiries from the Washington University School of Medicine, Cambridge Seven Associates, the Department of State for stateside and abroad missions, the International Code Council, Children’s Medical Center of Dayton, and the Institute for Patient Centered Design. The article is referenced on national websites and included in design guidelines and presentations. Liz continues to present this AIA Best Practice to conferences across the nation.

As one of CDC’s architects and a mom herself, Liz sees the importance of lactation rooms and has written articles to encourage others to design them into their buildings. She has been a great help to moms everywhere.”

- Patti Carroll, RN, IBCLC
Lactation Consultant
CDC Lactation Support Program

Caption: Liz consulted with the Institute for Patient-Centered Design on lactation room design who then collaborated with DeKalb Office to develop this modular solution.

Caption: AIA Best Practice – Lactation Room Design authored by Liz York to assist designers and architects in providing needed amenities for lactating mothers in facilities across the nation.

Declaration of Responsibility: I have personal knowledge of the nominee’s responsibility for the project listed above and that responsibility included authorship and advocacy.

Charles E. Daniels, RA
Architect and Team Leader
Design and Engineering Management Services Office
Centers for Disease Control and Prevention
Facility Innovations Toward Wellness Environmental Leadership (Fitwel) Building Certification Program

Mounting evidence demonstrates that the built environment has a profound effect on public health. Liz York understands that the power for improving these environments rests not with public health agencies but within the hands of building owners, operators and the architects they employ.

In discussions with the CDC National Center for Chronic Disease Prevention, Liz and the team identified a central opportunity for improving our built environment as education for facility designers and operators. Building on the success and reach of the LEED rating system in transforming the design and operations of the facilities industry toward sustainability, Liz proposed using LEED as a model for how public health can be improved through a wellness centered certification program.

Working closely with partners at the General Services Administration and the New York City Departments of Design and Construction and Health and Mental Hygiene, this concept was refined into the Fitwel rating system. This wellness amenity certification standard enables built environments to be self-assessed against evidence-based criteria that define a health-promoting environment.

Liz York and the team designed the tool to help guide owners, operators and designers towards evidenced based strategies that have been scientifically demonstrated to have a high-impact on the health and wellness of occupants and surrounding communities. Liz co-authored the initial rating scheme structure and led the team to formalize a pilot implemented in 91 buildings across the GSA, NYC and CDC facility portfolios. Once operationalized, Fitwel will put the power of science supported evidence in the hands of every facility operator, owner and designer across the nation.

Caption: Through the nationwide pilot, 91 buildings were rated by building operators and 90 follow up surveys were conducted.
“The Fitwel team relies on Liz’s design expertise and her knowledge of the intersection of architecture and health. She has been an invaluable leader throughout the pilot process.”

- Joel Kimmons, PhD
  Division of Nutrition, Physical Activity and Obesity
  Centers for Disease Control and Prevention

Caption: Fitwel was piloted at federal and local buildings in 34 states including these pictured left to right: Billings, MT, Ft. Snelling, MN, New York, NY, Oklahoma City, OK, and Gulfport, MS.
GreenGauge Greenhouse Gas (GHG) Inventory and Dashboard

Liz York established tracking and communications for greenhouse gas emissions in order to help CDC do its part in reducing emissions. GHGs are a worldwide problem that have the added complexity of being caused by billions of individuals and organizations across the globe. Liz’s approach was to gather the stakeholders to quantify all GHG producing activities. Liz’s leadership brought together consultants, energy engineers, transportation experts, travel specialists, waste management and other operational leaders at 18 campuses to study emissions and develop a plan for tracking, communicating about and reducing GHGs.

Throughout this process of change and discovery, Liz led the team to try new approaches and think about operating facilities in a different way. As the October 2009 Executive Order was signed, CDC was already well ahead of the requirements for GHG measurement and shared successes with the rest of HHS by developing an interface for the whole department, quadrupling the number of facilities being tracked. The system also included a dashboard to help individual HHS employees connect with the effort. The most popular part of the system was the “My Impact” area where individuals could turn on and off lamps and equipment shown on the screen and see visually the progress they were making in reducing GHGs in their own space. Liz was the project director for the design of this interface, insisting that a strong connection to the individual was necessary for staff engagement.

The system was presented during USGBC’s Federal Sustainability Summit and key features were emulated by GSA’s GHG tracking tool. GreenGauge received a CDC Honor Award and an HHS Green Champions Award and helped the Agency and the Department meet GHG reduction targets. ~

“From the beginning, Liz insisted that GreenGauge had to be fun so that people could connect personally with the abstract idea of Greenhouse Gas emissions. She was exactly right. Whether its architecture or software, Liz understands it’s all about the user experience.”

- John McFarland, PE
Principal in Charge of Operations
WorkingBuildings

Caption: GreenGauge was designed to educate leadership and staff about their role in reducing GHGs. The interface lets staff “turn off” equipment and see the impact that their decisions make.

Caption: GreenGauge was designed to share sustainability information with CDC leadership and staff sustainability in an easy to understand dashboard format.

Declaration of Responsibility: I have personal knowledge of the nominee’s responsibility for the project listed above and that responsibility included leadership and project direction.

John McFarland, PE
Principal in Charge of Operations
WorkingBuildings
Federal Foodservice Guidelines for Health and Sustainability

As the only architect working on the worldwide food production system challenge, Liz York improved the system by redefining what Federal agencies will accept in cafeteria and vending operations. Recognizing the multidimensional nature of food service, Liz brought together experts from nutrition, heart disease, physical activity, food service operations, energy management, and procurement to improve CDC’s food system. Liz provided leadership and a unique facility perspective on the health and sustainability aspects of food service. This group authored food service guidelines applicable to all CDC food service facilities.

Simultaneously, GSA was developing a procurement tool to improve sustainability and health in their foodservice operations. As the largest employer in the country, the Federal government has the potential to make a significant impact on the food system. Liz and the team reached out to HHS and GSA to form a collaboration that would take the procurement guidance they developed and pair it with the CDC guidelines. Together the group expanded the CDC Food Standards to address food served at HHS and GSA facilities in all 50 states.

The team engaged partner organizations including public health organizations, architecture firms like Perkins+Will and sustainability organizations like Southface Energy Institute to garner broad support for the guidelines. The following statements affirm that the Guidelines make important, needed changes to worksite environments and can serve as a model for state and local governments, businesses, and non-governmental organizations seeking to make healthy choices easier for their employees.

“The guidelines you have put forth are consistent with our support for a food system that not only protects us against nutrition-related diseases but also protects environmental health and encourages sustainable agricultural practices.”

- The American Public Health Association

“By incorporating sustainability criteria into the Guidelines, HHS is taking an important step towards a more holistic and comprehensive approach to promoting healthful food. Moving forward, we would like to see these guidelines used as a model, and a baseline, to be adopted by other federal agencies, state and local governments, businesses, and nongovernmental organizations to make their food services healthier and more sustainable.”

- The Prevention Institute

Local and state health departments and universities from across the nation reached out for more information and used the guidelines as the basis for transformations of their own food systems. The Guidelines were recognized with an award from the Secretary of the Department of Health and Human Services as an innovative collaboration to improve health and sustainability across the nation.
National Preparedness Leadership Initiative Connect (NPLiConnect)

When faced with the problem of disaster readiness, Liz York used the tools of an architect to understand the problem, visualize potential solutions, and bring the team to action.

Across the nation, individual states and various regions suffer tremendous loss from natural and man-made disasters. The manner in which political leaders and emergency management personnel respond to these situations determines our costs in human lives, property damage, economic collapse and environmental contamination. More often, disasters are becoming widely complex and carry with them seemingly overwhelming issues. In thinking about how to minimize the negative results, Liz proposed connecting leaders with other leaders across organizations and geography to give them the support of experienced peers during a crisis.

As the only architect on the team of preparedness experts, Liz York collaborated with leaders from state health departments, the American Red Cross, the Federal Emergency Management Agency, local law enforcement, and the Harvard School of Public Health to explore options for improving the limited connectivity of leaders in the emergency response and disaster preparedness community. Liz translated the concept of web-based connectivity into a visual scope of work and implemented the pilot for an interactive tool that would connect preparedness leaders and promote sharing of resources and talent. The team developed a business plan, established case studies and received a $5,000 grant from the American Red Cross for the implementation of the pilot.

The result is a cross-agency collaboration that reached and connected preparedness leaders across agencies, regions and disciplines and give responders a strong, experienced peer group. Preparedness leaders from across the country are able to use this database to access over 200 specific contacts according to geography, discipline, disaster, and skillset. ~

“Whenever working with a diverse group of leaders and experts, one anticipates conflict. Liz always remained calm under pressure, and she clearly understood the end goal and objective of the NPLI project. Through clear communication and her masterful facilitation skills, she helped the group find decisions that everyone could support.”

- Wendy Smith-Reeve
  Director, Arizona Division of Emergency Management

Caption: Liz pictured with David Gergen, Senior Political Analyst for CNN and Director of NPLI.
Laboratory Safety Improvement Workgroup

When aerosolized Anthrax was suspected of being released in CDC facilities in 2014, Liz York was asked to lead a team of scientists and operations experts to assess the event and design a plan to improve laboratory safety. Liz’s expertise designing and renovating CDC labs, coupled with her collaborative leadership skills, made her the perfect leader for the charge.

The team was made up of subject matter experts including biological, behavioral, and environmental scientists, laboratory managers and bio-safety experts. Liz convened daily meetings to determine a plan for accelerating laboratory safety improvement at CDC. She designed a process for systematically evaluating the state of laboratory safety through a series of interviews, presentations, facility tours, and facilitated strategic planning sessions.

Liz guided the group to identify, vet and prioritize recommendations in a comprehensive report to the CDC Director that had the support of laboratory stakeholders across the Agency. Liz facilitated the review of building systems, occupational safety and laboratory training programs. Liz also gathered input from over 400 frontline lab staff through engagement sessions. Liz authored the final report of Agency-wide recommendations that are being implemented in full.

In addition to the internal lab group, Liz worked with external lab experts from institutions and universities across the U.S and U.K., providing briefings on the progress of the internal working group and gathering best practices from NIH, FDA, HHS and other lab organizations.

Liz presented information about this initiative to the Government Accountability Office and several Congressional subcommittees. The CDC Director commended the team’s work with the CDC Honor Award for Excellence in Laboratory Quality. Liz York was personally recognized for her leadership with the OSSAM Director’s Senior Leader Award. ~

"Liz orchestrated four months of meetings among multiple laboratory professionals with strong scientific backgrounds and different areas of expertise. Her skill in developing and adhering to an operational approach, coalescing and synthesizing disparate points of view, encouraging constructive conversation from interesting critical thinking, and developing practical outputs that mobilized the important conclusions of the group was essential to productive application of new safety principles and policies at CDC.

- James L. Pirkle, MD, PhD
  Director, Division of Laboratory Sciences
  National Center for Environmental Health, CDC
Go Green Get Healthy Initiative (GGGH)

When CDC Director Julie Gerberding selected Liz York to lead sustainability for the Agency, CDC had only just begun to implement sustainability on their 18 nation-wide campuses. As an architect, Liz established a systematic plan for understanding the existing conditions, identifying opportunities for change, communicating the vision and garnering widespread buy-in.

Liz was the architect of the plan and the leader for over 500 volunteers and staff in efforts to reduce water, energy waste and greenhouse gasses. Under her leadership, the CDC became an organizational member of the US Green Building Council and Liz became the first LEED Accredited Professional at CDC. She brought leaders from across the agency together to develop a mission, vision and strategic plan. She established internal and external websites, developed the Sustainability Star recognition program and implemented scorecards for each operational sector to track goals and progress. The framework Liz created, gave CDC staff and leadership needed visibility into the problems and a path to solutions.

Among our federal peers, CDC is a leader in sustainable buildings with over 23.6% of our GSF meeting the federal Guiding Principles for Federal Leadership in High Performance Sustainable Buildings, while most agencies have still not met the 15% goal. CDC constructed the first Federal LEED Gold Laboratory and 3 other LEED silver projects since 2005 with plans for a net zero building on the drawing board.

“Using her agency leadership bully pulpit as well as her behind the scenes charm and enthusiasm, Liz has both celebrated best practices and helped early adopters find a community of sustainability within the broader CDC workforce. The agency is visibly “greener” and reinforcing positive change under her stewardship, and CDC is better leveraging its leadership within the Atlanta community.”

- Anne Schuchat, MD
Assistant Surgeon General,
United States Public Health Service;
Director
National Center for Immunization and Respiratory Diseases
Centers for Disease Control and Prevention

Caption: Designed by Perkins + Will, this CDC lab building was the first major high-performance federal laboratory to receive LEED Gold certification.

Declaration of Responsibility: I have personal knowledge of the nominee’s responsibility for the project listed above and that responsibility included leadership for the initiative.

Joe Henderson
Director
Office of Safety, Security and Asset Management
Centers for Disease Control and Prevention
Liz is an energetic leader with vision. She successfully planned and implemented the CDC’s Go Green Get Healthy sustainability program, which is now serving as a model for other agencies. Her vision brought structure to the many sustainability ideas and her inspirational style of leadership brought the many stakeholders and volunteers together to make the program a success!

- Shirley Arvey
  Chief Executive Officer
  Global Impact Solutions

Caption: LEED Silver certified CDC buildings designed by tvsdesign are highlighted in virtual tours so CDC personnel across the nation can experience the LEED features.
Go Green Get Healthy – 2008 StepWELL Signage Project

Chronic Disease is the number one killer of Americans and physical activity can help. As a part of the Go Green Get Healthy Initiative, Liz York implemented a program to increase stair use, recognizing that architects have a role in helping solve this societal issue.

Using a tried and true Public Health approach to behavior change, Liz convened and led stakeholders to increase stair use in CDC buildings. She improved directional signage at the point of decision and engaged building occupants in the process. This health related energy savings initiative resulted in a multi-campus project for signage at stairwells. Liz led the interdisciplinary team of behavioral scientists, communications specialists, policy development experts, architects, engineers, interior designers and chronic health professionals. Together they implemented a plan to increase stair use in more than 100 buildings on 10 of the CDC campuses across the nation.

The inclusion of signage was found to double the number of stair trips up and increased stair trips down by 20%. The number of elevator trips up decreased by 36% and the number of trips down decreased by 44%. Liz expanded this model to other buildings and campuses and updated CDC facility policy to require motivational stair signage for all new buildings.

The CDC website contains information about StepWELL and New York City adapted the signage campaign for NYC buildings in 2009. The program has been presented at multiple conferences as a best practice. ~

“In collaboration with Go Green Get Healthy, under the leadership of Liz York, we worked to magnify the impact of our stairwells and develop a culture of stairway use as soon as we moved into the building. More than two years later, with the support of Liz and GGGH, we have a vibrant physical activity culture, including a lovely walk from the parking area and a beautifully designed stairway that invites and encourages use. When it comes to increasing physical activity – a primary strategy for chronic disease prevention – architecture must be a close partner. Liz brings leadership and expertise in both areas, chronic disease prevention and architecture – and thus effectively advances our workplace health goals and our national health promotion strategies.”

-Ursula E. Bauer, PhD, MPH
Director, National Center for Chronic Disease Prevention and Health Promotion, CDC

EXHIBIT 8
(continued)

Caption: Liz York and CDC Director Tom Frieden, MD kick off the first Chamblee Stair Walk to build enthusiasm for taking the stairs.

Caption: Stair in CDC’s Headquarters Building designed by tvsdesign to be inviting and attractive.
Go Green Get Healthy – 2013 Water Intensity Reduction Project

Since the early 2000s, Atlanta has been plagued with drought and water shortages. Liz York made water conservation a priority as a part of Go Green Get Healthy at CDC.

CDC’s laboratories are huge water consumers and great care has been taken to design state of the art facilities that conserve water. Understanding the societal value of water stewardship, Liz worked with the water manager to identify use patterns and measure water use before mandates for metering took effect. When data began to show an unexplained spike of water use, Liz pulled together a team to work through the mystery.

Liz led a team of engineers, facilities managers, lab scientists, operations managers, and communications specialists to reduce water use at the main lab campus. With Liz’s leadership, the team conducted a series of studies, installed meters, made valve modifications, and implemented operational adjustments that allowed CDC to reduce water use by 60 Million gallons per year. This is significant equating to approximately $840,000 per year in utility savings and 40.1% reduction from FY2013 to FY2014. Sister agencies in HHS are studying CDC’s leadership in water conservation and applying the lessons learned at this campus to improve water efficiency for all HHS nationwide facilities.

This project was recognized by HHS with a Green Champion Award and has been elevated and nominated for a GreenGov Presidential Award. The project team has presented at conferences and has published articles on the effort.~

“Liz York was instrumental in forming an action team in response to unusual and indeterminate water use at CDC’s Roybal campus. Use far exceeded projections and as a result, CDC failed to meet its water reduction targets. Liz’s team helped promote several initiatives that included meter adjustments, occupant participation from sensitive laboratory operations, and frequent/detailed water use reporting. Her team’s efforts culminated in a total scope engineering investigation that resulted in identifying the usage sources and reducing yearly flows by over 85 million gallons.”

-Thomas M. Blanchard, PE
Laboratory Portfolio Manager, CDC
Sustainability Forum Nationwide Event Series

As the first Chief Sustainability Officer for the CDC, Liz York recognized the need to communicate the goals and vision of the office broadly within CDC and to a national audience. Liz envisioned, sponsored and led the Sustainability Forum Nationwide Event Series to highlight sustainability and health issues of national importance and provide thought leadership for the conversation. Through these events, Liz brought together constituents from across the nation and engaged partners and champions for dialogue and debate. As a result of these events, thousands of participants took health and sustainability back to their communities and energized operational and design work in these areas. Series topics are outlined on the following page.

Caption: Liz addresses a national federal audience to kick-off an engaged conversation with the Federal Environmental Executive.

Declaration of Responsibility: I have personal knowledge of the nominee’s responsibility for the project listed above and that responsibility included co-authorship and advocacy.

Donna M. Garland
Chief Strategy and Communication Officer
National Archives and Records Administration
Washington, D.C.
## Sustainability Forum Nationwide Event Series (2008-2012)

<table>
<thead>
<tr>
<th>Event</th>
<th>Audience</th>
<th>Partners</th>
<th>Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Federal Green Purchase Training &amp; Vendor Fair (2008)</strong></td>
<td>Nationwide Procurement Professionals from CDC, NIH, VA and HHS</td>
<td>General Services Administration, Government Vendors including Staples, Inc.</td>
<td>Enabled federal purchasers to purchase more sustainable products for the government.</td>
</tr>
<tr>
<td><strong>Women’s History Month Lecture Series (2008)</strong></td>
<td>Nationwide CDC broadcast audience</td>
<td>EPA, CDC Equal Employment Opportunity Office</td>
<td>Increased awareness of CDC programs for sustainable choices in several operational sectors.</td>
</tr>
<tr>
<td><strong>Michael Pollan, Food for Thought (2009)</strong></td>
<td>State and Local Public Health Departments across the U.S.</td>
<td>Emory University, Slow Food International, Georgia Organics, National Center for Environmental Health</td>
<td>Identified actions to enhance involvement of public health professionals in efforts to improve the food system nationally.</td>
</tr>
<tr>
<td><strong>Green Conference Planning (2010)</strong></td>
<td>Nationwide broadcast audience of conference planners</td>
<td>General Services Administration, Intercontinental Hotel Group, CDC Lifestyle Center</td>
<td>Shared best practices and tools for planning greener and healthier meetings and conferences.</td>
</tr>
<tr>
<td><strong>Carlo Petrini, Food Policy + Taste: A European Perspective (2010)</strong></td>
<td>Public Health Departments and Food Service Professionals Nationwide</td>
<td>Wholesome Wave Foundation, Slow Food International, Georgia Organics, National Center for Chronic Disease Prevention</td>
<td>Identified policies, programs and initiatives that are best practices for improving access to healthy foods in areas with shortages and limited supply.</td>
</tr>
<tr>
<td><strong>Federal Sustainability Forum (2011)</strong></td>
<td>Federal Facilities, IT, Procurement and Operations Managers, Sustainability Professionals Nationwide</td>
<td>The White House, General Services Administration, Federal Vendors</td>
<td>Mobilized vendors to provide additional green options to federal procurement officers. Showcased green products and procurement system improvements.</td>
</tr>
<tr>
<td><strong>Federal Leadership Forum (2012)</strong></td>
<td>32 High Potential Federal Leaders from across the U.S.</td>
<td>CDC’s Office of the Director, General Services Administration, The Partnership for Public Service</td>
<td>Inspired the next generation of Federal leaders by reviewing public health, sustainability and operational change management initiatives in contexts from West Africa to New York City.</td>
</tr>
</tbody>
</table>
Student and Professional Development Programs

The challenge of good sustainable design will not be solved in one lifetime. Liz York is committed to educating the next generation of leaders to meet the challenge. Liz mentors architecture students and interns about design and sustainability and also facilitates multidisciplinary conversation and coursework that includes students across the spectrum of professions.

In conjunction with other HHS divisions, Liz and her team sponsor an annual HHS Kids’ Earth Day Poster Contest, for K-12 relatives of CDC staff. Additionally, Liz has participated in career day activities at elementary and middle-schools to promote the architecture profession and sustainability. These K-12 programs are vital as they encourage conversation between kids and parents about societal values, good design, sustainability and public health.

Liz has also served as a mentor for over 35 students from programs including Collegiate Leaders in Environmental Health, Oak Ridge Institute for Science and Education, Ferguson Fellowship, and Georgia Tech’s Mentor Jackets Program. Interns worked on projects such as energy reduction initiatives, greenhouse gas tracking, and benchmarking studies.

Liz York works closely with the College of Architecture at Georgia Tech, participating in student mentoring days, serving as a design critic and speaking to classes about the role of architects in society. Liz developed a collaboration for an industrial design graduate studio and facilitated discussions on incorporating sustainability and health in the design process. Student teams worked with CDC project sponsors to improve CDC facility and safety equipment including decontamination foggers, backpack sprayers, detectable warning pavers and stand-up desks. Along with improving ergonomics and functionality, students also learned to incorporate sustainable design concepts and materials into their products.

“\textit{I worked with Liz on the Chair Search Committee where she was a constant advocate for the students. She has an affinity for their participation in the process of learning in whatever the context.}”

- Ellen Dunham-Jones
  Professor, School of Architecture
  Georgia Institute of Technology

Caption: Liz York, second from the left, with Georgia Techy Industrial Design Class.

Caption: Liz York talks to elementary children during career day about sustainable architecture and design.

Declaration of Responsibility: I have personal knowledge of the nominee’s responsibility for the project listed above and that responsibility included leadership for the initiative.

Wendell Wilson
Professor of Practice
School of Industrial Design
Georgia Institute of Technology
Student Project - 2009 Building 20 Energy Challenge

As an architect, Liz York is working to address the societal issue posed by the interconnectedness between energy production and human health. Energy generation causes harm to our environment, especially where electricity is generated by burning coal. Coal fires release methyl mercury into our air and waterways and can get into our food-chain potentially causing birth defects in children and chronic health problems for adults. Under Liz’s direction and guidance, CDC set a goal to reduce net energy consumption by 30% through 2015 and an additional 25% through 2025. Facilities have been designed and renovated to help achieve these goals, however, occupant behavior change is a key element in meeting the challenge.

To highlight and encourage energy conservation habits, Liz coached an undergrad student and team to lead Building 20 in the CDC’s first Energy Reduction Challenge. Liz implemented this behavior change project by enlisting the help and collaboration of energy managers and facilities staff. The team produced communications materials and shared weekly energy use information with occupants to increase engagement and visibility of the effect of the campaign on use. Building 20’s 564 occupants turned off lights, used computer minimal power usage settings, and turned off and unplugged unused equipment on a daily basis to save approximately $1,000 over a 6 week period. This success showed that occupants are interested in being part of the solution and this set the stage for other challenge efforts including the Water Intensity Reduction Initiative and the Laboratory Freezer Challenge.

Liz published this initiative in the Journal of Energy Engineering and presented it to a global audience at the World Energy Engineering Conference. CDC shared marketing materials and the project plan for this initiative with peer institutions as a starting point for their own energy initiatives. Emory University has similar energy monitoring and reporting in dorms to engage students in energy saving behaviors.

Energy use intensity at CDC is higher than most government operating divisions and agencies due to our laboratory facility requirements. As CDC’s Chief Sustainability Officer, Liz helps us move forward to meet challenging reduction targets through continuous upper management support and facilitating cooperation between sustainability goal managers. With this collaborative approach, we are starting to make significant progress just when we have exhausted all the low hanging fruit. Additionally, Liz continues to be a proponent of onsite renewable technology projects and utilizing performance based contracts, both of which are essential to CDC’s energy management planning for the next decade.

- Bruce Jue, PE
CDC Energy Manager
Student Project - 2013 Laboratory Freezer Challenge

Under Liz York’s direction and oversight, a team of operational experts and scientists examined the energy required to keep our international collection of biological specimens safe and viable. Liz coached and led a post doc fellow to implement an energy savings study and competition enterprise wide.

Liz guided the team to create and market a fun competition to get lab scientists involved in saving energy and cleaning up their storage practices in CDC’s 1,400 freezers and refrigerators. This competition comprehensively reviewed facilities and equipment, increased sample access and security, reduced energy use and costs and developed key freezer management practices and policy.

Challenge participants updated inventory and barcode systems for samples like Anthrax, Plague and Ebola. They tuned freezers from -80 degrees Celsius to -70 degrees Celsius, reducing energy use by 40%, defrosted and cleaned equipment to improve performance and extend equipment life, discarded unneeded items and shut down old, inefficient units.

The Challenge estimates savings of more than $125,000 per year in operating reduces energy use by more than 320,000 kWh annually, equivalent to the yearly energy consumption of 36 single family homes. Liz presented a paper on the challenge and the team received awards from HHS, CDC, the International S-Lab organization and a GreenGov Presidential award from the White House. In order to share this best practice with state and local public health labs across the nation, the team produced a Youtube video and online training.

“Liz’s sustainability leadership and work, including the CDC Laboratory Freezer Challenge, is having important impact outside the CDC by setting an example of what is possible, especially given the agency’s significant biosafety considerations. If CDC scientists can make these changes given that nature of their research, then so can many others working in labs across that nation - in research universities and federal agencies. Based on the results achieved, the CDC Laboratory Freezer Challenge was obviously a big success!”

- Kathryn A. Ramirez-Aguilar, Ph.D.
  CU Green Labs Program Manager Facilities Management / Environmental Center
  University of Colorado Boulder