



Federal HBCU Opportunity Zone Research Internship Program

CYBERSECURITY “ANALYZE” - VIRTUAL RESEARCH FELLOW

CECOR Principal Investigator
Dr. Aurelia Williams, Executive Director
Norfolk State University, Cybersecurity Complex

OppZone Research Principal Investigator
Brenda Cureton, MPA, Director
Council Exchange Board of Trade

Participating Agencies



OPPZONE RESEARCH Program – July 15th, 2019

1:30 p.m. Registration/Security Check (451 7th Street S.W., Washington, DC 20410 – North Gate)

2:00 p.m. Opportunity Zone Virtual Internship Meeting

HBCU/MSI Student Virtual Cybersecurity Interns meet to discuss projects and intern experience.

OppZone Student Fellow Spokesperson: Faith Dupree, Benedict College

Federal Representatives

David Byrd, Deputy Assistant Secretary For Policy Development, U. S. Department of Housing and Urban Development, Policy Development & Research

Christopher Bourne, Deputy Assistant Secretary For Innovation, U. S. Department of Housing and Urban Development, Policy Development & Research

Ms. Kelly Mitchell, Senior Advisor, U. S. Department of Energy, Office of Economic Impact and Diversity

David Canty, Program Manager, U.S. Department of Energy, National Nuclear Security Administration, Learning and Career Management

Ms. Melissa Jenkins, Program Manager, U. S. Department of Treasury (Office of Small and Disadvantage Business Utilization)

University Representative

Dr. Aurelia Williams, Executive Director, Norfolk State University, Cybersecurity Complex

Industry Representatives

Karl Cureton, Founder, Council Exchange Board of Trade, National Minority Technology Council, Managing Director – Minority Cyber Inclusion Council, Fund Manager – Community Outcome Fund

Brenda Cureton, MPA, Director & Chief of Staff, Council Exchange Board of Trade, Principal Investigator, OppZone Research Virtual Internship

Lorne Joseph, CTPRP, CGEIT, CIPP, CISA, CISSP, ISSMP, ISSAP, SSGB, ACC, Council Sr. Fellow, Chief Risk Officer, Lifetime Member, Owner eGRC.COM

Balaji Venkatesan, Council Exchange Executive Member & Co-Chair Council Exchange CTA Committee, Owner, SD Solutions, LLC, U.S. Dept. of Treasury's Small Business Prime Contractor of the Year

Lynn Sivels & Johnny Vaughn, Council Exchange Board of Trade, Senior Fellows, OppZone Research Team

3:30 p.m. Meeting with the Honorable Secretary Dr. Ben Carson, Housing and Urban Development

Assignment 1

Rural Tecnology Based Economic Development

HUD Assigned

Kelrianna Sistrunk
Austin Alexander
Markeith McNish
DeVonte Bethea
Faith Dupree
Jajuan Jones
Lorenzo LaPlace
Marlin Prince
Ronell Brunn

Project Narrative

Review the President's Executive Order Promoting Agriculture and Rural Prosperity in America (13790) and determine how HUD can utilize that Executive Order with the White House Opportunity and Revitalization Council (WHORC) and the Implementation Plan on Opportunity Zones that has come out of the Council's initial meetings. Over 40 percent of Opportunity Zones are located in rural and suburban rural areas.

How can we ensure robust economic development in our rural areas using Rural Economic Development EO, WHORC, and the WH Implementation Plan on Opportunity Zones?

Devise a strategy to create more entrepreneurs in public housing using WHORC and the WH Implementation Plan on Opportunity Zones. How can we accelerate the growth of more public housing entrepreneurs through WHORC and the White House Implementation Plan on Opportunity Zones?

Assignment 2

Federal Property Strategic Disposal

HUD Assigned

Takoda Spann
Shaniece Thomas
Marlin Prince
Faith Dupree
Jacques Wilson
Savair Freeman
Lorenzo Laplace
Ronell Brunn

Project Narrative

The newly established Public Buildings Reform Board just recently had their first official meeting. Congress established the Board to review the federal real estate portfolio and find \$7 billion worth of property the government can sell. The Board's recommendations are due in six months. This Board is considered an independent federal agency and does not report to GSA, but is working closely with GSA, VA, DOE, AND DOL since they have a large number of federal properties.

The assignment – How can we use the President's Executive Order on Rural Economic Development (EO 13790) and the White House Opportunity and Revitalization Council implementation plan for Opportunity Zones to make sure federal properties disposed of in Opportunity Zones supercharge economic development in those zones?

What authority, out of these Executive Orders (13790 and 13853) , can Secretary Carson use to make sure these federal properties are either given to non-profits that will create jobs and workforce training or these buildings are sold to investors that will bring jobs and economic development to that particular zone?

Assignment 3

Envision Center Program Mapping

HUD Assigned

Shanice Thomas

Cody Goudeau

Jacques Wilson

Tawab Attaie

JuJuan Jones

Takoda Spann

Savair Freeman

Project Narrative

A Government Accountability Office (GAO) report found collocating government services could be a more effective way of helping low-income Americans. EnVision Centers aim to break down the silos in government that perpetuate inefficiencies. Intentional and collective efforts across a diverse set of organizations are needed to implement a holistic approach to foster long-lasting self-sufficiency.

HUD believes the EnVision Centers are best set up to take advantage of the federal programs both on site and eventually virtually. This project is led by the new HUD Innovation Office

The project has two components.

1. Understand at a program level the size of the program.
2. Discover the major program elements so they can be integrated at the federal level.

Assignment 4

Integrated Economic Indicator SLDS Use Case

OppZone Assigned

Codey Goudeau

Tawab Attaie

Itania LaMarre

DeVonte Bethea

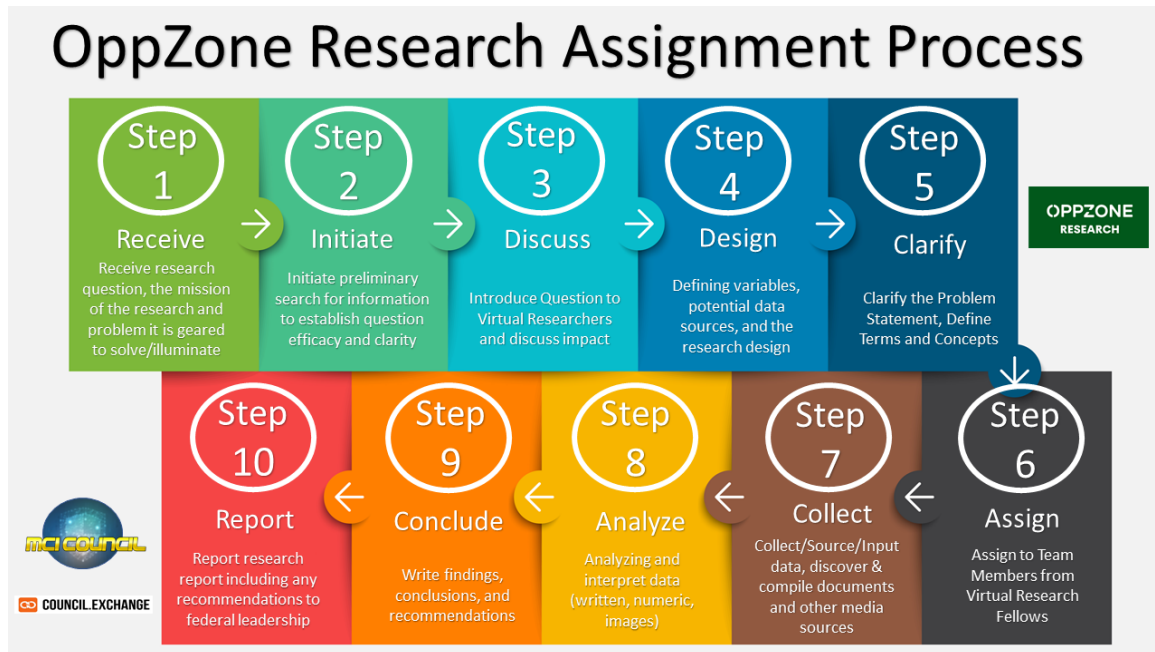
Project Narrative

The use of data is transforming the world. The way the Federal Government provides, maintains, and uses data has a unique place in society, and maintaining trust in federal data is pivotal to a democratic process. The Federal Data Strategy sought use cases from the public that solve problems or demonstrate solutions that can help inform the four strategy areas: Enterprise Data Governance; Use, Access, and Augmentation; Decision-making and Accountability; and Commercialization, Innovation, and Public Use.

The Council Exchange Board of Trade, National Minority Technology Council (Council) submitted a Use Case that is now part of the Federal Data Strategy Use Case portfolio. This Integrated Economic Indicator (IEI) Use Case utilizing the State Longitudinal Data System (SLDS) or (ISI-SLDS) affords the contemplation of a national data harmonizing effort to bring together the disconnected "Social Safety Net" here in America into a transformational predictive system that allows for better policy decision making and innovation, in areas that help put American's to work. The Council ISI-SLDS use case illuminates that algorithms that link calculated datasets as predictive exchanges will soon prove the value of smart contracts, governed workflow and merit-based entitlement payout systems focused on outcomes rather than outputs.

The assignment is to provide the Council technical, research, procurement, and design support for the new enterprise instance now being set up at the Norfolk State University Cyber Security Complex located in Norfolk Virginia.

OPPZONE RESEARCH Activity Planning



OPPZONE RESEARCH Activity Tracker

Assignment	Assigned By	Team Lead	OppZone Virtual Cyber Intern	1 - Receive	2 - Initiate	3 - Discuss	4 - Design	5 - Clarify	6 - Assign	7 - Collect	8 - Analyze	9 - Conclude	10 - Report
Rural Technology Based Economic Development	HUD	Kelrianna Sistrunk	Austin Alexander										
			Markeith McNish										
			DeVonte Bethea										
			Faith Dupree	X	X	X	X	X	X				
			JuJuan Jones										
			Lorenzo LaPlace										
			Marlin Prince										
Federal Property Strategic Disposal	HUD	Takoda Spann	Ronell Brunn										
			Shaniece Thomas										
			Marlin Prince										
			Faith Dupree										
			Jacques Wilson	X	X	X	X	X	X	X			
			Savair Freeman										
			Lorenzo Laplace										
Envision Center Program Mapping	HUD	Shaniece Thomas	Ronell Brunn										
			Cody Goudeau										
			Jacques Wilson										
			Tawab Attiaie	X	X	X	X	X	X				
			JuJuan Jones										
Integrated Economic Indicator SLDS Use Case		Codey Goudeau	Takoda Spann										
			Savair Freeman										
			Tawab Attiaie	X	X	X	X	X	X				
Brownfield Project	HUD	N/A	Itania LaMarre										
			DeVonte Bethea										
			TBD										
			TBD										
			TBD	X	X	X							
			TBD										

Special Recognition

OppZone Student Fellow Videographer: Donn Shannon

HUD PD&R Federal Interns - Rachel Graf, Juanchu (Irene) Li



OPPZONE
RESEARCH



Opportunity Zone
Virtual Interns on
conference call with
HUD PR&D Leadership
& DC HUD Federal
Interns



MCICOUNCIL

Minority Cyber Inclusion
Council

OPPZONE Research – Demonstration Pilot

[Click to view video of First
Assignment Call from HUD](#)

NICE Cybersecurity Workforce Framework

The NIST Cybersecurity Workforce Framework “ANALYZE” knowledge, skills and ability are used in this HUD demonstration pilot to solve social science problems like poverty, housing displacement, program design and data functions.



Analyze

NICE
NATIONAL INITIATIVE FOR
CYBERSECURITY EDUCATION



OPPZONE RESEARCH Executive Orders - Leveraging the Force of Law

EO No.	Description	Link to Federal Register
EO.13779	White House Initiative To Promote Excellence and Innovation at Historically Black Colleges and Universities	https://www.govinfo.gov/content/pkg/FR-2017-03-03/pdf/2017-04357.pdf
EO.13781	Comprehensive Plan for Reorganizing the Executive Branch	https://www.govinfo.gov/content/pkg/FR-2017-03-16/pdf/2017-05399.pdf
EO.13790	Promoting Agriculture and Rural Prosperity in America	https://www.govinfo.gov/content/pkg/FR-2017-04-28/pdf/2017-08818.pdf
EO.13794	Establishment of the American Technology Council	https://www.govinfo.gov/content/pkg/FR-2017-05-03/pdf/2017-09083.pdf
EO.13800	Strengthening the Cybersecurity of Federal Networks and Critical Infrastructure	https://www.govinfo.gov/content/pkg/FR-2017-05-16/pdf/2017-10004.pdf
EO.13821	Streamlining and Expediting Requests To Locate Broadband Facilities in Rural America	https://www.govinfo.gov/content/pkg/FR-2018-01-11/pdf/2018-00553.pdf
EO.13828	Reducing Poverty in America by Promoting Opportunity and Economic Mobility	https://www.govinfo.gov/content/pkg/FR-2018-04-13/pdf/2018-07874.pdf
EO.13831	Establishment of a White House Faith and Opportunity Initiative	https://www.govinfo.gov/content/pkg/FR-2018-05-08/pdf/2018-09895.pdf
EO.13833	Enhancing the Effectiveness of Agency Chief Information Officers	https://www.govinfo.gov/content/pkg/FR-2018-05-18/pdf/2018-10855.pdf
EO.13834	Efficient Federal Operations	https://www.govinfo.gov/content/pkg/FR-2018-05-22/pdf/2018-11101.pdf
EO.13853	Establishing the White House Opportunity and Revitalization Council	https://www.govinfo.gov/content/pkg/FR-2018-12-18/pdf/2018-27515.pdf
EO.13859	Maintaining American Leadership in Artificial Intelligence	https://www.govinfo.gov/content/pkg/FR-2019-02-14/pdf/2019-02544.pdf
EO.13868	Promoting Energy Infrastructure and Economic Growth	https://www.govinfo.gov/content/pkg/FR-2019-04-15/pdf/2019-07656.pdf
EO.13870	America's Cybersecurity Workforce	https://www.govinfo.gov/content/pkg/FR-2019-05-09/pdf/2019-09750.pdf
EO.13872	Economic Empowerment of Asian Americans and Pacific Islanders	https://www.govinfo.gov/content/pkg/FR-2019-05-16/pdf/2019-10398.pdf
EO.13873	Securing the Information and Communications Technology and Services Supply Chain	https://www.govinfo.gov/content/pkg/FR-2019-05-17/pdf/2019-10538.pdf
EO.13878	Establishing a White House Council on Eliminating Regulatory Barriers to Affordable Housing	https://www.govinfo.gov/content/pkg/FR-2019-06-28/pdf/2019-14016.pdf