

**BERNEECE S. HERBERT, PhD**  
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**256-653-4751 (cell)**

## **PROFILE**

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Dynamic and solutions-driven Urban Planner and Educator with over 18 years of experience advancing community economic development, leadership, and resilience through collaborative impact planning. Specialized expertise in urban health indicators and sustainable development, with a strong focus on food security, environmental advocacy, workforce development, and resilient infrastructure. Proven success across government, non-governmental organizations, and academic institutions, with substantial international experience, particularly in the Caribbean.

A boundary-spanning expert, adept at bridging STEM and non-STEM domains to translate scientific research into policy-relevant, community-centered planning solutions. Committed to integrity, responsiveness, innovation, and collaboration, with a track record of navigating fast-paced environments and developing actionable solutions amidst complexity and uncertainty. Dedicated to advancing diversity, equity, inclusion, and access, with a focus on integrating research and practice to address environmental justice and urban resilience. Skilled in fostering interdisciplinary partnerships and designing educational programs that deliver both scientific advancement and measurable social impact.

## **EDUCATION**

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- PhD: Public Policy & Administration, Jackson State University (Anticipated Fall 2026)
- PhD: Natural Resource Management, Alabama A&M University, 2007.
- MURP: Urban & Regional Planning, Alabama A&M University, 1998.
- BSC: Biology, University of the Virgin Islands, 1991.

## **KEY COMPETENCIES & TECHNICAL SKILLS**

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- Research & grant writing
- Community engagement, & capacity building
- Partnership development
- Strategic Planning
- Conference/workshop/convening facilitation
- Program/institutional planning, assessment & evaluation
- Big data analysis, visualization and mapping
- Curricula development and management
- Software: SPSS, ArcGIS Pro, Microsoft Office Suite, Adobe, Survey Monkey, Prezi
- Collaborative platforms for scheduling, file sharing, data collection and analysis
- Remote Instruction: synchronous and asynchronous online teaching

## **WORK EXPERIENCE – EDUCATION & TRAINING**

### **DEPARTMENT CHAIR & ASSOCIATE PROFESSOR, URBAN & REGIONAL PLANNING, JACKSON STATE UNIVERSITY, JACKSON, MISSISSIPPI, AUGUST 2019 – CURRENT**

- Oversee the development and implementation of departmental governance structures, ensuring alignment with institutional goals. Manage the full program evaluation cycle, from goal setting and budget management to staff supervision and client interactions, ensuring effective delivery of services. Track performance metrics and ensure the program's overall success and sustainability.
- Lead student outcomes assessment and supervise collection of aggregate data for the College of Science, Engineering and Technology (CSET). Collect, analyze, and compile data for self-study reports, program accreditation, and annual departmental assessments. Ensure all reports are comprehensive, meet required standards, and reflect progress towards institutional goals. Lead the process of documenting and communicating program strengths, challenges, and areas for improvement.
- Create and nurture partnerships with faculty, students, community organizations, and stakeholders to promote interdisciplinary research and community-driven projects. Design opportunities for students to engage in experiential learning, such as internships, fieldwork, and collaborative research projects, to enhance their academic and professional development.
- Lead the development and continuous improvement of curricula that align with industry standards and best practices. Oversee the integration of practical, sustainable content into technical assistance and educational programs, ensuring that they effectively support student success and facilitate staff development through hands-on, real-world applications.
- Continuously assess current instructional strategies and identify emerging best practices in urban planning, policy, and education. Implement and scale high-performing, evidence-based instructional methods that improve learning outcomes, boost student engagement, and enhance the overall educational experience.
- Supervise and guide graduate students through the dissertation research process, providing mentorship, feedback, and resources to support the development of research that advances departmental concentrations. Ensure research projects are rigorous and impactful and contribute to the field of community development, housing, urban design, and environmental planning.
- Oversee grants, research, and partnerships with federal, state, and local agencies, foundations, and other non-profit organizations focused on disaster recovery planning, climate change assessment, solar energy, green infrastructure, and resilience building in vulnerable communities, assisting in managing a portfolio exceeding \$18 million.

### **INTERIM CHAIR & PROGRAM COORDINATOR, COMMUNITY & REGIONAL PLANNING, ALABAMA A&M UNIVERSITY, HUNTSVILLE, ALABAMA; FALL 2015 – FALL 2019**

- Restructured budgeting, assessment processes, and program curricula to elevate standards and ensure full compliance with PAB accreditation, leading to enhanced program quality and accreditation retention.

- Directed departmental governance, effective planning and goal setting, optimizing budget management, and fostering professional growth for students and faculty/staff, resulting in improved department performance and team cohesion.
- Managed the Affiliate State Data Center and the Center for Urban & Rural Research, spearheading analytics on urban development and productivity, which informed key decisions in city planning and policy development.
- Successfully led the Department's Master's program through re-accreditation in both 2011/2012 and 2017/2018, securing continued program recognition and academic excellence.
- Secured over \$1.5M in grant funding as Principal Investigator & Co-Principal Investigator, driving projects on recruitment, sustainable agriculture, food security, urban growth, transportation investments, and economic development, resulting in impactful research and community outcomes.
- Chaired the Enrollment Management Committee and developed the 2015-2020 Enrollment Management Plan, which increased enrollment and optimized student recruitment strategies for the College of Agricultural & Natural Sciences.

**ASSISTANT PROFESSOR & LIBERAL STUDIES PROGRAM COORDINATOR, COMMUNITY & REGIONAL PLANNING, ALABAMA A&M UNIVERSITY, HUNTSVILLE, ALABAMA; FALL 2006 – FALL 2015**

- Coordinated and managed the Liberal Studies program, streamlining operations and enhancing program delivery, which resulted in improved student engagement and program efficiency.
- Led the SACSCOC Assessment process for the undergraduate Urban Planning program, ensuring compliance and enhancing academic quality through data-driven evaluation and continuous improvement.
- Delivered core graduate and undergraduate courses in urban planning (Computer Applications, Research Methods, Planning Legislation & Zoning, Planning Workshops/Studios), enriching student learning and contributing to curriculum development.
- Mentored and guided student research projects in environmental planning, international development, and sustainable communities, resulting in impactful, real-world research outcomes.
- Served as Adjunct Professor in Basic Economics for the College of Business (2013-2015), fostering student understanding of economic principles and their application in business settings.
- Authored comprehensive Planning Accreditation Board Self-Study Reports and assessments, securing program accreditation and ensuring ongoing academic and professional standards were met.

**DEPARTMENT HEAD, CHARLESTOWN SECONDARY SCHOOL AND SIXTH FORM COMMUNITY COLLEGE, NEVIS WI, FALL 1990 – FALL 1995**

- Led the Biology Department, overseeing curriculum development and faculty coordination.
- Taught Advanced Level Biology, Chemistry, and Literature.
- Managed and maintained the Biology laboratory, ensuring proper equipment and resource availability.

- Coordinated all courses within the Biology Department to align with academic standards.
- Organized and supervised Advanced Level and CXC external Biology laboratory examinations.

#### **ADJUNCT INSTRUCTOR:**

- **Basic Economics:** College of Business, Alabama A&M University, Fall 2013 – Spring 2015
- **Public Sector Administration** and **Introduction to Computers:** University of the West Indies Distance Learning Program, Fall 1998 – Fall 2002

#### **MAJOR COURSES TAUGHT**

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##### **Jackson State University: Fall 2019 - Current**

URP 542: Infrastructure & Community Facilities	URP 555/777: Independent Study
URP 572/772: Advanced Applications in GIS	URP 899: Dissertation
URP 710: Advanced Statistical Methods	URP 528/728: Economic Development
URP 526/726: Citizen Participation	URP 504: Quantitative Analysis

##### **Alabama A&M University: Fall 2006 – Spring 2019**

ECO 200: Basic Economics	UPL 101: Intro to Urban Planning
UPL 103: The Community & You	UPL 310: Urban Economic Analysis
UPL 408: Comp. Planning Workshop	UPL 420: Senior Project
URP 500: Fund. of Urban Planning	URP 520: Legal Basis of Planning
URP 526: Comp. Apps & GIS in Planning	URP 527: Comp. Planning Studio
URP 542: Environmental Planning	URP 545: Env. Policy Assessment
URP 564: Planning in Developing Nations	URP 566: Global Env. & Human Issues

#### **WORK EXPERIENCE – PLANNING & POLICY**

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##### **CONSULTANT**

- Lead innovative and data-driven approaches to problem-solving focusing on root causes of systemic problems and challenges, and co-create and manage bold, innovative solutions in partnership with residents, community organizations, and other stakeholders.
- Create and manage cross-sector partnerships and teams to drive collective action. Collaborate with a broad set of stakeholders, including senior government officials and private sector and nonprofit leaders in the community to maximize project success, foster long-term partnerships and jointly drive policy action and advance equity.
- Facilitate ongoing community dialogues to ensure diverse voices are included in planning and decision-making processes. Conduct needs assessments, establishing performance metrics, and analyzing program outcomes to inform decision-making and ensure alignment with organizational goals.
- Plan, coordinate, and facilitate interactive workshops, conferences, and multi-stakeholder convenings, ensuring smooth logistics and meaningful dialogue. Engage participants in collaborative problem-solving exercises to achieve clear, actionable outcomes.
- Collect, process, and analyze large datasets to uncover trends, patterns, and insights. Use advanced visualization tools and mapping software to create intuitive, data-driven visuals that support decision-making and communicate findings clearly to stakeholders.

- Consult on HUD's Consolidated Plan and Action Plan, Comprehensive Plans and Fair Housing Plans for cities and municipalities.

Projects:

- **Power Up Jackson Team Member, Phase 1:** Spearheaded the development and implementation of solutions for sustainable energy infrastructure under the SOLVE IT Prize, supported by the U.S. Department of Energy, securing an \$80,000 grant (July 2024 - present).
- **Consultant, One Voice, Jackson, MS:** Conducted comprehensive research, facilitated strategic stakeholder engagement and led the planning and execution of the Mississippi Black Leadership Summit. Provided expert support in grant writing, outcome measurement, data tracking, and capacity-building through workshops and training (August 2023 - present).
- **Community Consultant, Jackson MS Comprehensive Plan Development:** Led community consultation efforts and collaborated with One Voice to shape the City of Jackson's Comprehensive Plan, ensuring community input was at the core of urban planning decisions (2020 - 2021).
- **Solar with Justice Project: Developed** strategies to expand solar access in under-resourced communities, working to grow an inclusive solar market while advocating for energy equity (2018 - 2019).
- **Consultant, City of Decatur, AL HUD Consolidated Plan:** Led the planning and development of Decatur's 2020-2024 HUD Consolidated Plan and the AY 2020/2021 Action Plan, securing federal funds to support local community development (2019 - 2020).
- **GIS Equipment Grant, American Association of Geographers:** Secured funding for GIS and geography course equipment at Jackson State University, enabling enhanced learning for students in the field of geographic information systems (2020 - 2021).
- **Research Associate, CJ Wilson & Associates:** Collaborated on the creation of the 2010-2015 Consolidated and Fair Housing Plans for Huntsville and Decatur, Alabama, providing valuable insights to support housing equity initiatives (2010 - 2019).
- **Strategic Development Plan Partner, UN Economic Commission for Latin America & the Caribbean:** Contributed to the creation and revision of the 2001-2005 Integrated Strategic Development Plan for Nevis, ensuring the plan's alignment with sustainable development goals (2001).

**DIRECTOR, DEPARTMENT OF STATISTICS AND ECONOMIC PLANNING (DSEP), NEVIS ISLAND GOVERNMENT, CHARLESTOWN NEVIS W.I. DECEMBER 2004 – SEPTEMBER 2006**

- Led the restructuring and management of the Capital Investment Program and chaired the Capital Investment Program committee to ensure efficient decision-making and project execution.
- Formed and cultivated strategic partnerships with donor agencies, overseeing the effective management of technical cooperation expenditures and development aid to maximize impact.
- Revamped and streamlined the coordinated scheme of social and economic statistics, including household, budgetary, and labor force surveys, for more accurate and timely data.
- Represented the government at national and international forums, organizing and coordinating seminars, training programs, workshops, and expert group meetings to foster collaboration on statistics and economic development.

**SENIOR URBAN PLANNER - ECONOMIC DEVELOPMENT SPECIALIST, DEPARTMENT OF PLANNING & DEVELOPMENT, CHARLESTOWN, NEVIS W.I.; JUNE 1998 – JULY 2006**

- Served as the head of the Economic Development Unit.
- Managed the Capital Investment Program for the Nevis Island Government.
- Assisted in preparing Budget Addresses and the Medium-Term Economic Strategy Papers for the government of St. Kitts & Nevis.
- Assisted in soliciting, analyzing and awarding bids for various social and economic infrastructure development contracts.
- Strategic Development Plan Partner, UN Economic Commission for Latin America & the Caribbean: Contributed to the creation and revision of the 2001-2005 Integrated Strategic Development Plan for Nevis, ensuring the plan's alignment with sustainable development goals (2001).

**FUNDED GRANTS & CONTRACTS**

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**Grants (Funded):**

- **Herbert, B** (Key Personnel): Gateway to a Greener Jackson. US Forest Service; January 2025 – December 2029; \$10 M
- **Herbert, B** (Co-PI): Reversing Disproportionate Impacts of Hydroclimatic Extremes in Water-Rich Regions via Justice-Minded Research and Collaborative Adaptation Planning, National Science Foundation; Sept 2024 – Aug 2028; \$5.9M
- **Herbert, B** (PI): Pathways for a Future-Ready Maritime Transportation Workforce. Maritime Transportation Research and Education Center; Sept 2024 – Aug 2025; \$82,500
- **Herbert, B (PI)**: Strengthening Minority Opportunity Youth Participation for a Future-Ready Energy Literate and Resilient Workforce. National Academies of Sciences, December 2024 – November 2028. \$499,996
- **Herbert, B** (PI) Enhancing sustainability and landscape connectivity through the design of a conceptual multifunctional urban green corridor system in Jackson MS; INROADS; June 2023 – Current; \$27,900
- **Herbert, B** (PI): Advancing Black Workers in the South: An HBCU Research Initiative. Jobs With Justice Education Fund; June 2023 – June 2025; \$50K
- **Herbert, B (PI)**: Micro Parks System: Building Resilience to Climate Disasters in Jackson, MS. 2C Mississippi and the Hilton Foundation, December 2023; \$10K
- **Herbert, B (PI)**: Engaged Communities for a Cool Healthy Jackson. 2C Mississippi and EPA's Environmental Justice Small Grants Program, (2022 - 2023); \$15 K
- **Herbert, B (PI)**: Southern Workers Manufacturing Project funded by Jobs to Move America, May 2022 – December 2022; \$37K
- **Herbert, B (PI)**: Assessing Maritime Infrastructure along the Mississippi: Chokepoints and Implications for Food Security; Maritime Transportation Research & Education Center, University of Arkansas. Nov 2021 – December 2022; \$97,500.
- **Herbert, B. (PI)**: Enhanced Minority Student Recruitment and Training in Sustainable Agriculture using a Strategic Enrollment Management Perspective, USDA-NIFA Capacity Building Grant. 2018 – 2021. \$299,398.



- **Herbert, B. (PI):** GIS Equipment Grant, American Association of Geographers: Secured \$23,000 for GIS and geography course equipment at Jackson State University, enabling enhanced learning for students in the field of geographic information systems (2020 - 2021).
- **Herbert, B. (Co-PI):** Marketing and Socioeconomic factors of organic farms: Age as a Predictor of Acceptance of Organic Food Products Alternatives among Metropolitan Population in Alabama. USDA-NIFA, Evans Allen Grant. 2017 – 2019; \$300,000.
- **Herbert, B (PI):** Capacity Building for Sustainable Local Food Systems Planning in North Alabama through Science, Technology, Innovation and Synergistic Partnerships. USDA 1890 Capacity Building Grant. 2012 – 2017; \$299,680.55.
- **Herbert, B (PI)** Assessment of Urban Growth & the Generation of Greenhouse Gases in Huntsville MSA and Engaging the Public for Creating Sustainable Communities. USDA-NIFA, Evans Allen Grant. 2012 – 2017. \$298,999.
- **Herbert, B (Co-PI):** Intensive Southeastern Training Expansion Program (InSTEP-II) in two Southeastern States in the USA (Phase II). USDA-Office of Advocacy and Outreach. 2014 – 2016; \$162,887.
- **Herbert, B (Co-PI):** Transportation Investments & Rural Land Use Changes: Integration of Economic Development Initiatives & Smart Growth Principles. ALDOT. 2008 – 2011. \$274,000.

#### **Grants (Under Consideration):**

- **Herbert, B (Co-PI):** Maritime Transport for the “New Blue Economy” in the U.S. Gulf Coast Region. Maritime Transportation Research and Education Center; Sept 2025 – Aug 2027; \$55,000
- **Herbert, B. (PI):** Addressing Health Disparities and Community Sustainability Through Equitable Urban Design in the Jackson Metro Region in Mississippi; INROADS; December 2024; \$27,900
- **Herbert, B. (PI):** The FRESH (Food Revival through Economic Empowerment, Systems Change, and Health Security) Project: Enhancing Nutrition and Resilience in Jackson Public School’s K-12 Food Supply Chain, submitted to The Center for School and Community Partnerships, Boise State University; December 2024 (\$999,916).
- **Herbert, B. (Co-PI):** Daring Entrepreneurs to Build and Advance Technology-Based Economic Development. Submitted to the U.S. Department of Commerce Economic Development Administration 2024 Build to Scale Program; October 2024 (10M).

#### **PUBLICATIONS**

- Kondolf, G. M., **HERBERT, B.**, Dodd, A., & Serra-Llobet, A. (2025). Flood Control in Jackson, Mississippi: A Missed Opportunity to Reduce Inequitable Flooding Impacts? *Water*, 17(4), 497. <https://doi.org/10.3390/w17040497>
- **HERBERT, B.** (2024). Assessing Maritime Infrastructure along the Mississippi: Chokepoints and Implications for Food Security. Zenodo. <https://doi.org/10.5281/zenodo.10594201>
- Christian, C., Fraser, R., **HERBERT, B. S.**, & Scott, C. (2022). Training of Small Farmers and Minority Agroforestry Landowners in Southeastern US – an Evolving Model. *Advances in Social Sciences Research Journal*, 9(1), 359–375. <https://doi.org/10.14738/assrj.91.11469>

- **HERBERT, B.**, Christian, C., Kassama, L., and Oluwoye, J. (2018). Quality of Life, Socio-economic Status and Perceptions of Public Facilities and Services in Small Town America. *International Journal of Development Research* Vol. 08 (1):18672-18677.
- **HERBERT, B.**, Kassama, L. and Christian, C. (2018). Assessing Food Security and Local Food Systems for Healthy, Livable and Sustainable Communities in North Alabama. *International Journal of Current Research*. Vol 10 (2): .64839-64848.
- Christian, C. S., Ojha S. K. and **HERBERT, B.S.** (2018). Minority High School Students in NonMath-Science-Oriented and Math-Science-Oriented Majors: Do They View the Environment Differently? *Social Sciences*. Vol.7, 130; doi:10.3390/socsci7080130
- **HERBERT, B.**, Christian, C., Izeogu, C. and Babalola, O. (2017). Food Insecurity and the Food Store Environment in the Southern United States: A Case Study of Alabama Counties, *African Journal of Agriculture and Food Security* ISSN 2375-1177 Vol. 5(4):193-201.
- Oluwoye, J. Chembezi, and **HERBERT, B.** (2017). Consumer Perception of Organic Food Products and Purchase Behavior of Shopping in Outlets of Retail Chains: A Pilot Study of Huntsville, Alabama. *International Journal of Agricultural Research, Sustainability, and Food Sufficiency*. Vol. 4(3): pp. 165-173.
- Christian, C. S., Ojha, S. K. and **HERBERT, B.** (2017). The Perspectives and Experiences of High School Students towards the Environment – The Case of North Alabama. *Journal of Education & Social Policy*, 3 (6).
- **HERBERT, B.S.**, Johnson, N, Robinson, R. and Babalola, O. (2016). Food Deserts and Access to Health Food of Alabama counties. *Journal of Alabama Academy of Science*, 87 (1): 58
- Christian and **HERBERT, B.** (2016). Perceived Socio-economic, Socio-ecological and Sociocultural Impacts of the Caribbean’s Tourism Sector. *Advances in Social Sciences Research Journal*, 3 (12).
- Oluwoye, J., Dairo, O., **HERBERT, B.** & Bukeyna, J. (2016). Assessing the impact of Rural Communities Services, Energy, and Transportation Infrastructure on Agricultural Production Outputs across the Black Belt region: A Conceptual Framework. *International Journal of Interdisciplinary Research and Innovations*. 4(4): 14-24.
- **HERBERT, B.S.** and Christian, C.S. (2014). Regional Tourism at the Cross-roads: Perspectives of Caribbean Tourism Organization’s Stakeholders. *Journal of Sustainable Development*, 7(1): 17-32.

## PRESENTATIONS

- **HERBERT, B.** (November 2024). *Climate Impacts on Coastal Regions: Assessing Coastal Adaptation Strategies*. Bays and Bayous Symposium, Biloxi, MS.
- **HERBERT, B.** (November 2024). *Adapting to Climate Change: Program & Initiatives for Resilience and Sustainability*. Mississippi Public Health Association Annual Conference, Vicksburg, MS.
- **HERBERT, B.** (May 2024). Enhancing Sustainability and Landscape Connectivity through the Design of a Conceptual Multifunctional Urban Green Corridor System in Jackson MS. Mid-South American Society for Photogrammetry and Remote Sensing Conference. Oakridge, TN.
- Tabaris, T. Watson, J., and **HERBERT, B.** (February 2024); DC’s Energy Performance Standards: Driving Economic Inclusion Opportunities in the Green Building Sector. 2024 Urban Planning Conference Alabama A&M University.



- Johnson, N. and **HERBERT, B.** (February 2024). Citizen Participation in Climate Action Planning for Improved Democracy: Innovations in Democratic Governance. 2024 Urban Planning Conference Alabama A&M University.
- Browne, T and **HERBERT, B.S.** (November 2023). Climate Change, Public Health and Community Resilience: The Role of Historically Black Colleges and Universities, HBCU Climate Change Conference, New Orleans LA.
- **HERBERT, B.S.** and Kondolf, G. (March 2022). Human & Rivers: Challenges to Public Access & Equitable Flood Risk Management. Council of Educators in Landscape Architecture, San Antonio, TX.
- **HERBERT, B.S.** (October 2022). Vulnerability & Resiliency Dimensions of Maritime Transportation Infrastructure to Climate Change in the Deep South. AL/MS American Planning Association Conference, Orange Beach AL.
- **HERBERT, B.S.** (November 2022). Flooding and the Plight of Farming in the Mississippi Delta: Stories of Black Farmers. Association of Collegiate Schools of Planning Conference, Toronto Canada.
- Smith, T., Herbert, J and **HERBERT, B.S.** (April 2022). Climate Change, Public Health and Community Resilience: The Role of Historically Black Colleges and Universities, HBCU Climate Change Conference, New Orleans LA.
- **HERBERT, B.S.**, Christian, C. and Oppong, J. (February 2020). Climate Induced Risks, Food Security and Resilience in the Deep South. Alabama Academy of Sciences, Huntsville AL.
- **HERBERT, B.S.** (October 2019). Association of Collegiate Schools of Planning; discussant for Tract 9 – Food Security, Community Health & Safety, Greenville SC.
- **HERBERT, B.S.**, Wesley, J. and Thomas, T. (September 2019). GHGs Emissions as an Indicator of Urban Sustainability: Relationship between Emissions Trends and Socio-Economic Characteristics of the US. Women Rise Conference, Jackson MS.
- Amunigun A. and **HERBERT, B.S.** (April 2018). Food Insecurity Trends in Latin American and the Caribbean: 1990-2016. STEM Day Presentation, Huntsville AL.
- **HERBERT, B.S.** (February 2017). Food Environment and Socio-Economic Characteristics in the Southern United States. National Association of African American Studies, Dallas TX.
- **HERBERT, B.S.** (February 2016). Food Insecurity, food deserts & socio-economic characteristics of Alabama counties. Alabama Academy of Sciences, Florence AL.
- **HERBERT, B.S.** (February 2016). Food Insecurity, Food Deserts & Socio-Economic Characteristics of Alabama Counties. National Association of African American Studies, Baton Rouge, LA
- **HERBERT, B.S.** (November 2015). Initiatives and Strategies to Address Food Insecurity in Affordable Housing Communities in Alabama. Housing Works, Conference, Perdido Beach AL.
- **HERBERT, B.S.** (October 2015). Food Security and Local Food Systems for Healthy, Livable and Sustainable Communities in Northern Alabama. Association of Collegiate Schools of Planning, Houston TX.
- Johnson, N and **HERBERT, B.S.** (2015). Greenhouse Gases Generation in Madison County Alabama and Engaging the Public for Creating Sustainable Communities. Poster Presentation at EPA Global Youth Symposium, October 1 -2, 2015 Atlanta GA.
- McNeil, J and **HERBERT, B.S.** (2014). Mapping Food Insecurity and Food Sources in the Huntsville Metro Area. Poster presentation at EPA Youth Symposium, September 2014.

- **HERBERT, B.S.** (April 2013). Quantifying Household Carbon Footprint and Reduction Opportunities for Selected Communities in the Huntsville Metropolitan Area, Association of Research Directors' 17th Biennial Research Symposium, Jacksonville, FL.
- Talley, B. and **HERBERT, B.S.** (April 2013). Green Report Card of an HBCU Campus: Assessment of Sustainability Practices and Initiatives on Alabama A&M University's Campus, Association of Research Directors' 17th Biennial Research Symposium, Jacksonville, FL.
- Tigner, D. and **HERBERT, B.S.** (October 2015). High School Location, Drop-Out Rates and the Presence of Food Deserts in Huntsville AL. Poster Presentation (Winner), Alabama – Mississippi Joint APA Conference, Perdido Beach AL.
- Watkins, X. and **HERBERT, B.S.** (September 2014). Public Transit as a Sustainable Urban Transportation System -Innovative Strategies for Increasing Ridership in Huntsville Alabama. Poster presentation at EPA Youth Symposium, Atlanta GA.
- **HERBERT, B.S.** (2008). Multi-temporal Pattern Analysis of Land Use and Land Cover Change in Madison County Alabama. Association of Collegiate Schools of Planning Conference, Chicago IL.
- **HERBERT, B.S.** (2008). Dynamics of Immigration and Impacts on Wages. National Association of African American Studies, New Orleans, LA.

#### **STUDENT RESEARCH SUPERVISED, JACKSON STATE UNIVERSITY**

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- Engaging Marginalized Residents in the Planning, Policy, and Local Decision-Making Processes: HBCU Graduates Perspective by Nicholas Johnson; Spring 2025, Dissertation Committee Chair
- Assessing Key Dimensions of Housing Vacancy and Abandonment in Jackson Mississippi; Jerome Tinker, Fall 2024, Dissertation Committee Chair
- Equity, Justice and Economic Inclusion: An Analysis of Climate Action Plans in African American Led Cities; Tabaris Smith, Spring 2024, Dissertation Committee Chair
- The Suitability of Flow: Simulating Restoration and Flood Conveyance of the Tributaries within the City of Jackson, Mississippi; Dept. of Landscape Architecture and Environmental Planning, University of California, Berkeley, Spring 2024, Thesis Committee Member
- A Framework for Obsolescence Prediction, Proactive Mitigation and Potential Adaptive Reuse of Selected Buildings in Jackson MS; Tracy Evans, Spring 2023 – Current, Dissertation Committee Chair
- Chokepoints in the Maritime Transportation Infrastructure along the Mississippi: Implications for Trade, Agriculture, and Farming in the Delta; Jon Vincent Holden, Spring 2023, Dissertation Committee Chair
- The Exposure of Carcinogen in Marginal Communities in Houston, Texas: An Evaluation of Hazardous Pollution Emission Addressing Air Borne Toxics indicating the Presence of "Cancer Clusters" among Marginalized Communities; Genice Knight, Fall 2022, Dissertation Committee Chair
- Design and Spatial Qualities of Public Parks in Promoting Community Health and Wellbeing in the Jackson Metro Region; Markessa Hughes, Spring 2022, Dissertation Committee Chair
- A Comparative Case Study of the Evolution of Publicly Financed Stadium Development Projects using Community Benefits Agreements in Los Angeles, CA and Pittsburgh PA; Christopher Davis; 2023 – Current, Dissertation Committee Chair

## **STUDENT RESEARCH SUPERVISED (SELECTED THESES CHAIR), ALABAMA A&M UNIVERSITY**

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- Assessment of Sense of Place and its Relationship to Community Development & Civic Engagement in Selected Huntsville Alabama Communities Using Visual Ethnography by Tiffany Lavender, Fall 2018
- The Sustainability and Development of Small-Town Planning: A Case Study of Historically African American Towns of Oklahoma by Schuyler Carter, Spring 2018
- Urban Growth & Solid Waste Generation: An Assessment of Municipal Solid Waste Management in Huntsville, Alabama through Scenario Planning by Kevin Bernard, Fall 2017
- Ecological Impacts of Outdoor Recreation Activities: An Assessment of Trail Conditions at the Bankhead National Forest, Alabama, by Breana Daniels, Department of Biological & Environmental Sciences, Spring 2017
- Exploring Youth Programs' Participation: Implications for Community Development and Society by Shantrise Harris, Spring 2017
- Strategic Urban Planning for Faith-based Institutions: Comparative Analysis of Churches in Cities Japan & Huntsville Alabama by Reginald Robinson, Fall 2017
- An Examination of Designing, Planning and Zoning Issues Related to the "Tiny Home" Market by Keiandra Turner, Spring 2017
- Planning for Federal Sustainability in the Next Decade: Analysis of energy and water consumption and labor hours for industrial production sites for the Engineering Facilities Division of the U.S. Army Materiel Command by Vontra Giles, Fall 2016
- Questions of Environmental Inequity: Particulate Matter and its Relationship to Socio-Economic Status in the Greater Birmingham Metropolitan Area by Ashley Stevenson, Spring 2016
- Digital Cryptocurrencies: The Design and Network Analysis of the Bitcoin Infrastructure by Oyedeji A. Oluwoye, Department of Computer Science, Spring 2016
- Assessing the Feasibility of Reducing Peak-Hour Traffic Congestion on the Redstone Arsenal Through a Park and Ride Strategy in Huntsville, AL by Adrianna Davis, Fall 2015
- Community Food Assessment: Selected Food Store Location, Food Options and Availability in Huntsville Alabama by Tanzania S. Green,
- Geo-Spatial Assessment of Food Insecurity and Sources in Madison County Alabama by Jeremy McNeil, Fall 2015
- Community Food Security: An analysis of food waste and waste prevention in selected households in Huntsville Alabama by Jalisa Neal, Summer 2015
- Application of Urban Sustainability Indicators: A Comparison of two Cities by Kaela McGuire, Fall 2014
- Sustainability Indicators: An Analysis of Key Environmental, Social and School Level Indicators in Huntsville/Madison County School Systems by Antony Rose, Spring 2014

## **SELECTED PROFESSIONAL ORGANIZATION/COMMITTEE MEMBERSHIP**

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- Co-Chair, Committee of Experts for Building Health and Climate Research Capacity in the U.S. Gulf Coast: Elevating Minority-Serving Institutions as Key Partners, NASEM's Gulf Research Program funded by the RWJF. June 2024 – May 2025

- Technical Review Committee Member, Jackson Redevelopment Authority, City of Jackson MS, 2023 – Current
- Community Liaison, State-of-the-Science and the Future of Cumulative Impact Assessment Board on Environmental Studies and Toxicology; April 2024 – Current:
- Member, Proposal Review Team - the Mississippi Arts Commission Building Fund for the Arts grant, October 2023
- Member, Jackson Public School's Facility Repurposing & Advising Committee, 2024 - Current
- Member, Board of Construction, City of Jackson, 2023 – current
- Advisory committee member for Oak Ridge National Laboratory's Department of Energy project "Energy Equity in the Transition to Renewables: The Bioenergy Case", 2022
- Member, ACSF Conference Location Policy Review Task Force Member, October 2022
- Member of Farish Street Revitalization Strategy Committee
- Team Lead, Disaster Recovery Taskforce in partnership with FEMA and the City of Rolling Fork MS, October 2023 - Current
- Member, Mississippi APA Chapter Award Selection Committee, Best Area Small Award 2023
- Southern Regional Representative, Association of Collegiate Schools of Planning Board, 2020 - 2023
- Board of Advisors Member, 2C Mississippi, Jackson, Mississippi, 2022- 2023
- Manuscript Reviewer, Journal of the American Planning Association, 2022
- Member, City of Jackson Department of Planning Housing Coalition, 2022
- Member, Planning Accreditation Board Accreditation Standards Committee Taskforce, August 2020 - 2022
- Member, Just Energy Summit Planning Team, Partnership for Southern Equity (Atlanta), 2019 – 2020
- Appointed Southern Regional Representative for the Association of Collegiate Schools of Planning for 2020-2021
- Nominated for VP of the Association of Collegiate Schools of Planning for 2020-2021 (and President-Elect, 2021-2023)
- Association of Collegiate Schools of Planning, Conference Chair Tract 9 – Food Systems, Community Health, Safety, 2019 – 2020
- Reviewer, USDA Farmers' Market Promotion Program and Local Foods Promotion Program- 2016-2019; Team lead, 2017 & 2019
- Member, City of Jackson Climate Change Taskforce, 2020
- Member, Harword Public Innovators Lab, Jackson MS, 2020
- Member, American Planning Association (National & Alabama State Chapter)
- Research Committee member, Alabama Academy of Sciences, 2015 – 2021
- APA Board of Directors – Academic Membership Task Force
- President, Caribbean Association of North Alabama, Huntsville Alabama 2017 – 2019
- Member, National American Planning Association Diversity Committee, 2017 – 2018
- Member, American Planning Association Food Systems Planning Interest Group - Member and Chair, Working Group 1, National APA Academic Membership Program Taskforce, 2016 – 2019
- Member, Alabama APA 2019 Conference Steering Committee, 2018 to 2019
- Member, FY 2016 (USDA) Federal Plan of Work, Global Food Security Team through the Alabama Cooperative Extension System 2015 – 2019

- Member, Association of American Geographers, 2017 - current
- Mentor, 2016 State Department's Young Leaders of America Initiative (YLA) through Global Ties, Alabama
- Member, Minority in Agriculture, Natural Resources & Related Sciences, 2017
- Chair, Working Group 1, National American Planning Association (APA) Academic Membership Program Taskforce, 2016 – 2019
- Member, American Planning Association Food Systems Planning Interest Group, International, Economic Development and Planning and the Black Community Divisions
- Chairperson, Capital Investment Program Committee, Nevis Island Government, 2005 – 2007
- Technical Advisory Member, World Bank financed MECOVI-OECS Project: program for improvement of surveys and measurement of living conditions in Latin America and the Caribbean, 2005 – 2007
- Project Co-Coordinator, World Bank Sponsored Emergency Recovery and Disaster Management Project for the Government of St. Kitts and Nevis, 1999 – 2001
- Member, Post-Disaster Socio-economic Evaluation (Sub-regional Working Group) – United Nations Economic Commission for Latin America & the Caribbean, 2000
- Technical Committee Member - USAID/OAS sponsored Post-Georges Disaster Mitigation Project & Natural Hazard Mitigation for Government of St. Kitts and Nevis, 2000

### **Alabama A&M University**

- Faculty Advisor, Alabama A&M University-Toyota CLEAN-TRIP Mobility Challenge Project 2018 – 2019
- Chair, CALNS' Enrollment Management Planning Committee, 2012 – 2019.
- Member, Alabama A&M University Institutional Animal Care and Use Committee, 2015 – 2019
- SACSCOC Accreditation Coordinator, Bachelor of Urban Planning Program, 2012 – 2018
- Member, Academic Standards and Curriculum Committee, 2015 – 2018
- Member, Alabama A&M University Graduate Council & Policy Review Committee 2016 - 2018
- Member, DCRP Planning Accreditation Board Task Force, 2013 – 2018; Taskforce Chair, 2016 - 2018
- Member, AAMU Campus Master Planning Committee, 2012
- Alabama A&M University Representative - Alabama Articulation & General Studies, 2012
- Member, EPSCoR GRSP AAMU Review Panel, 2012
- Capacity Building Grant Review Team Member, SAES Alabama A&M University, 2010

### **Jackson State University**

- Member, Graduate Council
- Member, Graduate Curriculum Committee
- Member, Academic Affairs Council
- Member, College of Science, Engineering & Technology Graduate Curriculum Committee
- Team Lead, Planning Accreditation Board (PAB) reaccreditation for MA in Urban & Regional Planning



## PROFESSIONAL DEVELOPMENT ACTIVITIES

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- *Speaker: “From Strategy to Success: Crafting Winning Proposals and Securing Funding”* at One Voice's 2024 Mississippi Black Leadership Summit co-sponsored by Hope Credit Union's Policy Institute, November 21-22, 2024.
- *Speaker: “Building Research Capacity in the U.S. Gulf Coast: Elevating Minority-Serving Institutions as Key Partners”*, February 20, 2025, sponsored by the National Academies of Sciences, Engineering & Mathematics.
- *Speaker: “Building Health and Climate Research Capacity in the U.S. Gulf Coast: Elevating Minority-Serving Institutions as Key Partners”*, October 29, Houston TX, sponsored by the National Academies of Sciences, Engineering & Mathematics.
- *Lead Facilitator/Planner*, City of Rolling Fork Disaster Recovery Plan, February 2025
- Delta Regional Authority's 2025 Delta Workforce Grant Program (DWP) Pre-Award Technical Assistance Workshop; Oct. 24, 2024, Memphis, Tennessee
- National Weather Service (NWS) 2024 Service Equity Summit October 2 to 3, 2024 Jackson State University, Student Center Ballroom A & B, 1328 John R. Lynch St.
- State-of-the-Science and the Future of Cumulative Impact Assessment: Workshop 1 October 15, 2024, sponsored by the National Academies of Sciences, Engineering & Mathematics
- 2024 Federal Planning Division Workshop, Washington DC May 13 – 16. The evolution of planning
- Payne Center's Black Communities, Climates & the Environment Summit, Washington DC, June 4, 2024
- C40 Master Class Workshop on Climate, Health and Equity funded by Robert Wood Johnson Foundation, Philadelphia, PA; Jan 29 – February 3, 2023
- Gulf Research Program (GRP) Workforce Development for the Energy Transition Meeting of Experts. National Academy of Sciences. Washington DC, April 24-25, 2023 (Workshop)
- Improving Public Health Data Systems to Address Health Equity Challenges for At-Risk Communities in the US Gulf Coast” Gulf Research Program, National Academy of Sciences. Louisiana, May 16-17, 2023 (Workshop).
- Coordinator, HBCU\_SCI Sustainability Social Justice Series funded by INROADS, UNCF and the Thurgood Marshall Fund
- Faculty Liaison/Coordinator, HBCU\_SCI Fellowship Program, a research program for undergraduates at HBCUs in southeast, funded by INROADS, UNCF and the Thurgood Marshall Fund
- Lead Facilitator/Planner - 2023 Mississippi Black Leadership Summit; theme – “Building Resilient Communities – A Whole Community Approach” December 11-12, 2023, Jackson Downtown Convention Center, Jackson MS
- Association of Collegiate Schools of Planning Featured Faculty, October 2017

## REFERENCES AVAILABLE UPON REQUEST