

**KWESI A. DANIELS**

**Telephone:** 732.207.1659  
**E-mail:** sustenance3@gmail.com  
**Website:** www.kwesidaniels.com  
**Linkedin:** http://www.linkedin.com/in/kwesidaniels

**EDUCATION**

Temple University	PhD, Geography and Urban Studies	December 2020
Columbia University	Master of Science in Sustainability	May 2013
University of Illinois at Chicago (UIC)	Management Master of Architecture	December 2003
Tuskegee University	Bachelor of Architecture	May 2002

**HIGHER EDUCATION TEACHING EXPERIENCE**

2017-Present	Tuskegee University, Department of Architecture Department Head & Assistant Professor	(TU)
2014-2016	Temple University Teaching Assistant	(Temple)
2012-Present	NYU Adjunct Assistant Professor	(NYU)
2010-2013	Columbia University Teaching Assistant	(CU)
2010	City University of New York Adjunct Computer Lab Technician	(CCNY)
2004-2009	Tuskegee University, Department of Architecture Assistant Professor	(TU)

**Courses Taught**

2019-2020	Historic Preservation	(TU)
2019-2020	Legacy of Booker T. Washington	(TU)
2015-2016	Principles of Sustainable Management	(NYU)
2015-2016	Sustainable Environments	(Temple)
2014-2015	Digital Mapping	(Temple)
2013-Present	Corporate and Social Responsibility Architecture & The Sustainable Built Environment	(NYU)
2010-2011		(CU)
2008-2009, 2017	*Sustainable Design	(TU)
2007-2009	Architecture Presentation	(TU)
2005-2009, 2020	Computer Applications	(TU)
2005, 2020	Construction Documents	(TU)
2004-2009, 2016-2020	Architecture Design Studio	(TU)

\*(course I introduced and developed)

**PUBLICATIONS**

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- Shange, Raymon, et al. "Extending Sustainable Irrigation Opportunities to Socially and Historically Disadvantaged Farmers in the Alabama Black Belt to Support Commercial-Level Production." Professional Agricultural Workers Journal 1.2 (2014): 3.
- Iman Ahmed, Chack Cherdsatirkul, Alan Chin, Kwesi Daniels, Mike Harris, Ciksa Kruger. Commercial Solid Waste Management for New York City. Thesis of Master of Science in Sustainability Management, Columbia University (2011).
- Daniels, Kwesi and James Keith. A Brief History of Twirlin'. Think Enxit Press, 2011.

**SELECTED CONFERENCE PRESENTATIONS AND APPOINTMENTS**

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2015 3<sup>rd</sup> Annual Community Development Graduate Research Forum, Federal Reserve Bank of Philadelphia, PA

- Session Presentation: Expansion vs. Resistance: The Symbols of Studentification's Impact Upon the Neighborhoods Surrounding Temple University

2015 Raising the Bar, NY, NY

- Session Presentation: The University as a Gentrifier

2014 Critical Geography, Philadelphia, PA

- Session Chair: Race, Space, & Place
- Session Presentation: Structural Symbols of Inequality in Black Communities

2014 National Organization of Minority Architects National Conference, Philadelphia, PA

- Session Presentation: Preserving Underserved Communities through Sustainability

2014 Raising the Bar, NY, NY

- Session Presentation: Abandoned Housing, the Unsustainable Solution to Urban Neighborhoods

2013 TEDx Columbia SIPA, NY, NY

- Session Presentation: The Community as a Classroom

2013 Columbia University – SUMASA Sustainable Perspectives (organizer)

2013 Federal Reserve Bank of NJ

- Session Presentation: Green Programs around New Jersey

2013 Newark Housing Authority

- Choice Neighborhood Seth Boyden Redevelopment Housing Committee member

2009 Agricultural and Energy Summit

- Session Presentation: What is Leadership in Energy and Environmental Design (LEED)

2008 State of Alabama Housing Trust Fund Taskforce Appointee

- Environmental Impact, Sustainable Design, & Affordable Housing Representative
- Provided sustainable housing policy recommendations to the State of Alabama House of Representatives Black Caucus

**SELECTED PROFESSIONAL EXPERIENCE**

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**2014-Present**

Ian Smith Design Group (IS-DG)

**Architect Intern**

Philadelphia, PA

## Responsibilities:

- Develop Construction Documents for residential and commercial buildings
- Prepare and submit permit applications to the City of Philadelphia Licenses and Inspections
- Conduct site and building surveys
- Conduct economic development research

**2014**

Building Information Technology Skills (BITS)

**Service Learning Coordinator**

Philadelphia, PA

## Experience:

- Managed 50 high school mentees and 6 college mentors
- Instructed students on how to developed a sustainable development strategies for North Philadelphia

**2010-2013**NJ Housing and Mortgage Finance Agency  
(NJHMFA)**Green Homes Program Coordinator**

Trenton, NJ

## Experience:

- Successfully acquired \$2,100,000.00 and managed an existing \$7,000,000.00 of ARRA grant funding
- Organized and managed the energy benchmarking of 43 multifamily buildings, consisting of over 4000 units.
- Coordinated the resources of the NJ Board of Public Utilities, NJHMFA, project owners, and solar contractors towards the installation of 1.2 mega watts of Solar Photovoltaic
- Managed the documentation of Energy Star, LEED, and Solar construction for over 100 multi-family tax credit projects through the NJHMFA

**2009-Present**

Sustenance3, LLC.

**Sustainable Design Consultant (President)**

Neptune, NJ

## Services:

- Educate business owners and homeowners about alternative green solutions
- Research, recommend, and apply environmentally friendly products within homes
- Develop sustainable based designs for business and homeowners

**2004-2009**

Department of Architecture

**Assistant Professor and Outreach Coordinator**

Tuskegee University, Tuskegee, AL

## Experience:

- Spearheaded the renovation of a 1920's Rosenwald school house, which was listed as one of the most endangered sites in America
- Developed site analysis, concept designs, and sustainable solutions for Tuskegee University
- Successfully acquired and managed over \$75,000.00 of grant funds
- Developed community park and recreation designs with community residents and architecture students
- Educated the Macon County community about sustainability through workshops and presentations
- Organized and Managed a 3-team, 60 building evacuation plan documentation project over a 6-month period

**COMMUNITY SERVICE**

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**2009-Present**

Program for Acceleration in Computer Science  
Experience

**Teacher**

West Long Branch, NJ

- Developed a 2D/3D visual design course for high school students
- Developed an SAT prep course
- Organized a series of Sustainability workshops for elementary through high school students.

**2007-2008**

Shiloh Community Restoration Foundation  
Experience:

**Project Director**

Notasulga, AL

- Organized over 30 volunteer workers to participate in the window restoration of the Shiloh Rosenwald School during a six month period.
- Provided job training and placement for unemployed workers
- Developed and maintained relationships with local job placement programs

**2008-2010**

Tuskegee Volunteer Power Corporation

**Board Member**

Tuskegee, AL

- Organized a two-day Permaculture Workshop focused on developing sustainable asset building with the Black-Belt
- Participated in the development of the T.M. Campbell Land Retention and Sustainability Initiative which partnered with the Alabama State Conference of NAACP and the Jessup Wagon Help Desk to serve as the Resource Center for the Black Farmers Land Loss/Land Stewardship Initiative
- Presented at the 2009 Agriculture and Energy Summit which consisted of the restoration and revitalization of the Tuskegee communities cultural, economic, and spiritual assets.
- Participated in the organizing and development of the 1<sup>st</sup> Annual Symposium on the "Anatomy of Reconciliation, Restorative Justice and Healing: Communities at a Crossroad"
- Provided job training and placement for unemployed workers
- Developed and maintained relationships with local job placement programs

**HONORS**

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2009 Advisement and Orientation Teacher Certification of Appreciation

2008 Shiloh Rosenwald Restoration Foundation Service Award

2003-2004 Teacher of the year

**MEMBERSHIP IN PROFESSIONAL AND CIVIC ORGANIZATIONS**

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2014-Present Association of American Geographers (AAG) (member)

2004-Present National Organization of Minority Architects (NOMA) (member)

2002-Present Kappa Alpha Psi Fraternity Inc. (Local Chapter President)

2009-2013 Sustainability Management Student Association (Vice President for Education)

**GRANT FUNDED COMMUNITY REBUILDING PROJECTS**

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**2010-2011      Multifamily Solar Loan Pilot**

Title:            Program Manager  
Project Type: Multifamily Solar Installation  
Budget:        \$9,100,000.00

The Multifamily Solar Loan Pilot program was a program made available to owners of multifamily buildings of 5 units or more that had an existing primary permanent mortgage with HMFA or had received Low-Income Housing Tax Credits from HMFA. The solar loan provided for the installation of solar photovoltaic (PV) renewable energy systems of at least 20 kW in size. HMFA provided a 0% interest loan to cover the full cost of materials and solar installation, to be repaid over 15 years through the sale of generated Solar Renewable Energy Credits (SRECs). HMFA introduced this program to provide financing for renewable energy installations in multifamily buildings. The funding was made available through New Jersey's receipt of American Recovery and Reinvestment Act of 2009 (ARRA) funds. The implementation of the program helped towards achieving the goals of the Energy Master Plan of New Jersey which called for a 20% reduction in energy consumption and a 30% increase in renewable energy production by 2020. This program also served to create jobs and provide energy savings benefits by lowering utility costs.

**2009            Permaculture Workshop: Sustainability and Asset Building within the Black Belt**

Title:            Organizer and Principal Investigator  
Project Type: Workshop  
Budget:        \$5,945.00

The Permaculture Workshop focused on providing a holistic approach towards asset building within the Black Belt counties of Alabama (a crescent shaped region in Alabama, belonging to a larger area, spanning across the southeastern United States from South Carolina to Texas). The intent of the workshop was to empower the participants with the requisite knowledge to rebuild their communities sustainably. We demonstrated to the participants the latent assets existing in their community and illustrated how to capitalize on the assets, through the use of permaculture principles. The workshop was presented by the Permaculture Guild of Saint Petersburg, Florida and was attended by a wide spectrum of community members that included Tuskegee University administrators, faculty and students, local farmers, residents, community officials, local environmentalist, and community professionals. This project was supported by the Southern Regional Asset-building Coalition and Tuskegee University with funds provided by the Ford Foundation and contributions from private donors

**2008            Rainwater Catchment installation project**

Title:            Project Manager  
Project Type: Housing design retrofit  
Budget:        \$35,000

This project was coordinated in conjunction with the Arch 367 Sustainable Design course. The Alabama Agricultural Land-Grant Alliance (AALGA) provided funding to install rainwater catchment systems and conduct research on their effectiveness within Alabama. We installed catchment systems on three demonstration models, three residences and a greenhouse. Our aim was to evaluate the effectiveness of providing a low-cost solution to rural residents for capturing water to flush their toilets, wash their clothes, and maintain their gardens.

**2007-2008 Shiloh Rosenwald School Restoration project**

Title: Project Manager and Principal Investigator  
Project Type: Community Service  
Budget: \$25,000

This project was coordinated in conjunction with the Arch 363 Special Problems (sustainable design) course. We were approached by the Shiloh Community Restoration Foundation (SCRF) to assist them in restoring the Shiloh Rosenwald School. The Rosenwald Schools were listed as on the 10 most endangered historic places in the country. Their school was one of the first of approximately 5,000 schools that were built throughout the United States Black Belt. We hired a window restoration expert who conducted hands on training workshops for 6 months, teaching people how to restore the windows. The project involved the volunteer efforts of university, high school, and middle school students, faculty, and staff; local professionals and community leaders; and alumni of the school in the restoration of the windows. This project spearheaded the full renovation of the school house and was instrumental in providing the SCRF with national recognition for their work.