

## Personnel

### Qualifications of Key Personnel

All personnel work under the auspices of the Institute for Hands-on Science, Technology, Engineering and Math (IFHoSET). Therefore, an agreement plan to ensure the integrity of the project is secured.

**Principal Investigator: Dr. Rupert Green.** Dr. Green is a licensed NYS Career and Technical Educator with an extensive and evolving knowledge of computing/instructional technology and skills in mixed-methods research, data analysis, survey design, and community organization. He has conducted numerous workshops, afterschool programs, and Saturday academies, has published in *Sage*, the *Journal of Negro History*, and various newspapers, and has been invited to appear on various radio stations to speak about education.

**Education: Dr. Green** holds an EdD in Educational Leadership, Master of Science degrees in School Administration/Supervision and Learning Technology, a Bachelor of Science degree in Occupational Education, and an Associate of Science degree in Electronics Technology. He will devote 100% of his time to this project.

**Co-Investigator: Felicia B** is a National Board certified teacher and licensed North Carolina teacher and has completed all of the necessary work except her dissertation in a doctoral program at Walden University. For the past four years, Ms. Booker has served as a School Improvement Grant (SIG) Instructional Coach for Halifax County Schools in Halifax, North Carolina. Working on a \$4.9 million grant (Cohort I), Felicia ensured that budget revisions were made in order to create new positions and programs in schools that received funding through the grant.

**Education. Ms. Booker** holds a Master's degree in Management and a Bachelor of Science in Organizational Management. As a Microsoft Office Specialist with Internet and Computing Core Credentials (IC3) and experience with Web 2.0 tools, Felicia is versed in technology and application software.

**Co-Investigator: Dr. Miller.** Dr. Miller is an award-winning mixed-methods researcher with expertise in structural equation modeling who has won Best Session Paper (IRISSETS, 2012), Best Paper of the International Conference (ACBSP, 2013), and a Publishing Author Excellence Award (DMD, 2014). His current research interests include engaged learning in the digital age, partnering with business for student success, and private equity and venture capital investment in Africa.

**Education: Dr. Miller** holds a Doctorate in Business Administration, E-Commerce, an MBA, Masters degrees in International Business, International Relations, and Media Communication, and a Bachelor of Science in Agriculture and Animal Science, in addition to a Postgraduate Certificate in Education in Tertiary Teaching and Learning, a Certificate of Advanced Graduate Studies in E-Business, and a Global Faculty Development Certificate from the Wharton Business School. Dr. Miller will devote resources necessary to ensure success of the project.

**Co-Investigator: Dr. Gregory Roberts.** Dr. Roberts has taught at a range of schools in places from Jamaica to inner-city Birmingham, UK. He is an associate of the Cooperative College, Manchester, UK, and member of the Association of Christian Economists. He has provided policy analysis to governments and private companies worldwide. He is the Founding Director of StrateJ Global Consulting Limited, a company that provides strategic analysis, research support, business development, and executive coaching to firms and organizations

around the globe through a network of associate consultants. He has strong and sustaining interests in social justice and equitable education provision.

**Education:** Dr. Roberts holds a Doctorate in Entrepreneurship and Theology from the University of Birmingham, UK, as well as a Master of Science degree in Development Studies and a bachelor's degree in Economics and Management from the University of the West Indies. Dr. Roberts will devote the time and resources necessary for the full realization of the aims of this project.

**Co-Investigator (Operations Director): Major P. Green.** Major Green has experience in industries such as IBM, along with extensive experience in the United States Military. He is a 2013 White House Champion of Change Honoree. He oversaw and directed field activities for the construction of a \$30M Joint Operations Center and Barracks, a \$15M Control Tower on Bagram Airfield, and a \$5M Ministry of Defense Training. He has managed all logistical, budgetary, maintenance, and personnel systems for 100+ personnel and has conducted research for agencies such as HUD and the US Trade and Development Agency. His company manages multimillion dollar grant projects. He will devote 50% of his time to the project.

**Education:** Major Green holds a Master of Business Administration and a Master of Science in Electrical Engineering. He is a member of The Army and Navy Club, Institute of Electrical and Electronics Engineers, National Society of Black Engineers, Reserve Officers Association, the Society of American Military Engineers—all institutions that can aid dissemination.

**Co-Investigator.** Halton. Mr. Halton is a systems and compliance expert who helps organizational leaders create process from chaos. Mr. Halton has worked for the last four years in leadership positions in PCI compliance teams at large organizations in the Banking, Financial and Communications industries.

**Education:** Halton holds a Master's Degree in Information Technology Project Management and Leadership, a Bachelor's Degree from the University of Illinois in Anthropology, and is currently working on a Doctorate in Business Information Security.

**Co-Investigator:** Dr. Gordon. Dr. Gordon is an award-winning U. S. Regional Manager for an engineered fastener company with global operations and involved with all market segments. He is also the technical liaison for the Automotive Division providing process insight, functional product knowledge, and in-context design experience to optimize the selection of existing products and the development of new products. He has consulted e-commerce companies, provided project editing and consulting services for undergraduate and graduate students, and authored a book titled, *The Martial Arts of Selling*. Current research interests involve technology and the moral ramifications therein, cultivating creativity and innovation, and future educational benchmarking. Personal interests include family, reading, martial arts, and physical fitness.

Dr. Gordon holds a Ph. D in Business and Engineering Technologies Management, a Bachelor's in Political Science/Pre-Law, a Post-Baccalaureate Certification in Legal Administration, and a Master's of Science in Business Administration. He will devote 50% of his time to the study.

**Co-Investigator.** Dr. Ellen. Dr. Ellen is an educator with over 25 years of experience. She has worked in the U.S. mainland, Hawaii, Guam, Rota (CNMI), Yap, Kuwait, the United Arab Emirates, the Sultanate of Oman, and Bali. Her repertoire includes work as a classroom teacher, teacher trainer, university instructor, teacher trainer, curriculum specialist, and curriculum coordinator. She has recently joined Guam Community College as Assistant

Professor where she works with students from Guam and other Micronesian islands. A strong proponent of education reform and Indigenous rights, Dr. Ellen's dissertation examined the topic of education on Guam, Indigenous language loss and maintenance, and best educational practices used within other Indigenous communities.

**Education:** Dr. Ellen holds an EdD in Instructional and Curriculum Leadership.

**Co-Investigator:** Sack. Ms. Sack is a journalist, interviewer, researcher and editor. In her role as co-author of two academic journal articles on the media coverage of the largest terrorism trial in Canada, Cybele assisted with research design and the literature review, compiled and analyzed data, and helped draft and edit the final reports. Cybele has also worked as a researcher for a report to a provincial inquiry, as well as for the New York Times and the Canadian Broadcasting Corporation. She has also worked as a television producer for the Canadian Television Network and as a freelance writer for the Globe and Mail, Canada's national newspaper. She has also worked on program evaluation and survey analysis for national and provincial parks. She will devote 50% of her time to the project.

**Education:** Sack holds a Bachelor of Journalism degree for Degree Graduates from Ryerson University, as well as a Bachelor of Science in Environmental Biology from Trent University and a Diploma in Television Broadcasting from Algonquin College, all located in Canada.

**Co-Investigator.** Natasha Green is an entrepreneur and an ex-mathematics teacher for the New York City Department of Education. For the past three years, she has worked on bringing the sport of archery into urban communities, teaching youth the math and physics involved. Natasha is also on the Advisory Board of The Knowledge House located in the South Bronx. The Knowledge House focuses on teaching minority students who are over-age and under-credited the skills they need to do entry-level jobs in the technology field. Besides doing volunteer teaching for Girls Who Code & Black Girls Code, Natasha creates events that allow attendees to share and implement ideas on improving education for all students. She will devote 50% of her time to the project.

**Education.** Natasha holds a Masters in Mathematics Education and Educational Leadership. She has a Bachelor's of Science in Chemistry. Natasha has taught herself Computer Science and has taken General Assembly's 12-week Web Development Immersion program. She is versed in computer application