

NAME: David Addie Noye

POSITION TITLE & INSTITUTION: CEO & NanoResearch, Inc

A. PROFESSIONAL PREPARATION(see [PAPPG Chapter II.C.2.f.\(i\)\(a\)](#))

INSTITUTION	LOCATION	MAJOR/AREA OF STUDY	DEGREE (if applicable)	YEAR (YYYY)
1. University of Northern Iowa	Cedar Falls, IA	Doctor of Industrial Technology/Nanotechnology	Doctor of Industrial Technology	2005
2. Loughborough University	Loughborough, UK	Engineering Design	MSc	1994
3. Management and Productivity Institute	New Delhi	Production Management	Postgrad Diploma	1992
4. Central Institute of Tool Design (CITD)	Hyderabad, India	Tool Design	Cetificates	1991
5. Kwame Nkrumah University of Science and Technology (KNUST)	Kumasi, Ghana	Mechanical Engineering (Design & Production)	BSc	1989

B. APPOINTMENTS(see [PAPPG Chapter II.C.2.f.\(i\)\(b\)](#))

From - To	Position Title, Organization and Location
2006-Present	Founder/CEO, NanoResearch, Inc and Atlanta, Georgia
2006-2008	Nanotechnology Professor (Adjunct), Southern Polytechnic State University, Marietta, GA
2005-2006	Director of Nanotechnology Research, Georgia Aerospace, Atlanta, GA
2004-2004	Intern/Continuous Improvement Researcher, John Deere Engine Works, Waterloo, IA.
1995-2002	Design Manager/Director, Engineering Design Center, GRATIS Foundation, Tema, Ghana
1990-1994	Design Engineer, GRATIS Project, Tema, Ghana

C. PRODUCTS

(see [PAPPG Chapter II.C.2.f.\(i\)\(c\)](#))

Products Most Closely Related to the Proposed Project

1. Dr. David Addie Noye, USPTO provisional patent application no: 63414474, Process And Methods of Making Binder Free Iron Oxide Anode, 2022
2. Dr. David Addie Noye, USPTO provisional patent no: 60/824,588, Method of Controlling Growth of Carbon Nanotubes, 2006
3. Dr. David Addie Noye, USPTO provisional patent no: 60/825,956, Method and System for Improving Productivity of Carbon Nanotubes Production, 2006.
4. Dr. David Addie Noye, USPTO provisional patent no: 60/827,706, Multifunctional Material System and Composition Thereof, 2006.
5. David Addie Noye, Modeling and simulation to investigate the effects of static mixer, carrier gas, temperature and pressure on the mixing ratio of carbon nanotubes growth reactors, doctoral dissertation by Noye, David Addie, DIT, University of Northern Iowa, USA, 2003-2005 [Copy righted and publication by UMI with ISBN: 0-542-19592-5 (<http://wwwlib.umi.com/dissertation>)
6. Conceptual design and modeling of laser vaporization system for mass production of carbon nanotubes, Industrial Technology Graduate Student Research and Poster Presentations, NAIT 2004 Convention, Louisville, Kentucky, October 20-23, 2004.

Other Significant Products, Whether or Not Related to the Proposed Project

1. Dr. David Addie Noye, USPTO provisional patent application number 62295246, Portable Smart Curtains and Methods, Making, Installing and Using the Same, 2016
2. Dr. David Addie Noye, USPTO provisional patent application number 62866056, Smart Lights: Automatic Rechargeable Backup Emergency Lamps, and Means and Methods of Preventing Back Feeding, June 2019
3. Nanotechnology – Contemporary advances in electron beam induced deposition (EBID) and its practical applications by Noye, D. A., Fecik, J., & O'Meara, R., NAIT November 19-22, 2003 Convention, Marriott Hotel, Nashville, Tennessee, November 21, 2003.
4. What is nanotechnology? Prepared and presented by Dr. David Addie Noye, PDH course organized by the ASME (Atlanta) Section, Dec 9, 2006.

D. SYNERGISTIC ACTIVITIES

(see [PAPPG Chapter II.C.2.f.\(i\)\(d\)](#))

1. Introduced and taught nanotechnology at University of Iowa which led to transfer of modern and emerging advanced science to undergraduate students
2. Introduced and taught nanotechnology at Southern Polytechnic State University, now part of Kennesaw University which led to transfer of modern and emerging advanced science knowledge to undergraduate students
3. Has been broadening the participation of groups underrepresented in STEM through hiring high school undergraduate and graduate interns working with my organization on battery research and design projects. Currently, through agreement with Clark Atlanta University has supervised a PhD student in electrode and battery preparation and testing for her dissertation. I also have memorandum of understanding to hire more interns.
4. Currently has hired high school, undergraduate and graduate students from various universities including Georgi