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USCIS Officer
U.S. Citizenship and Immigration Services
P.O. Box 82521
Lincoln, NE 68501-2521

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Dear USCIS Officer,

Petition For Immigration Through EB2 NIW Category

I was born in a small village called Bonadikombo, a few km from a local town called Limbe in the South West Region of the Republic of Cameroon, West and Central Africa. I completed my primary, secondary and university undergraduate education in French and English thanks to generous donation from private goodwill. After graduating in 2006, I volunteered teaching Physics and Mathematics at a local High School for a year. In September 2007, I was lucky to receive an international scholarship by the Abdus Salam International Center for Theoretical Physics and Mathematics (ICTP) in Trieste, Italy to study Theoretical Physics. I completed a double diploma program in 18 months and was accepted into the University of Minnesota under a Teaching and later Research Assistantship Fellowship. It is here that I learned about the Large Hadron Collider (LHC) project in CERN, Geneva, Switzerland, where the U.S government is a major participant financially and technically performing experiments to understand our universe and its evolution.

Throughout my stay in the US as a student, researcher and teacher, I have used my academic background in Mathematics, Physics and Computer Science, as a regular teaching and lecturing assistant and coaching both undergraduate and graduate students studying physics and mathematics and its application to other sciences like medicine, technology and statistical data analysis. My unique teaching methods consisting of hands-on and direct application to interdisciplinary and daily problem solving has won me admirers from my past and present students as well as my professors. I have also volunteered teaching and demonstrating the power of physics to high schools and colleges in my local St. Paul community. I have also supervised science fairs and mentored students into continuing their education in graduate school. For two years, I worked as an international reference teacher for training and orienting new international graduate students for teaching in American Universities.

While carrying out my teaching activities, my education and training in Statistical Data Analysis prior to entering the United States have improved our understanding and evolution of our universe through my contributions in particle physics experiments being run by the US at the Large Hadron Collider in CERN, Geneva, Switzerland. Statistical Data Analysis is the science of extracting very small but extremely important information from a large dataset of noise and huge data. The knowledge and tools I developed are being applied to the business and industrial sectors for solving problems where one is required to extract limit amount of information from an overwhelming and dominant noise crowded systems. This proposed solution is of paramount importance in decision

making in both the health care and small business systems. It is extremely reliable for the present and future growth especially in the field of technology known as Artificial Intelligence (AI). Future US economic growth and leadership will be highly dependent on making well informed decisions and accurate predictability. This is essential for competition and economic progress. In my continuing effort for teaching, I have also been training students on the use and application of my statistical data analysis approaches to hopefully solve problems in other areas in research and product development which extracting correct information is needed.

In addition to my unique contributions in education mentioned in the previous section, my other contributions towards maintaining U.S leadership in science and technology particular in the sector of fundamental research towards understanding our universe is in the Compact Muon Solenoid (CMS) generalpurpose particle physics detector. The CMS detector detects and records particles produced from high energy proton-proton collisions by the large dron collider. I have in addition to performing search experiments for new fundamental particles that might reveal to us the mysteries of our universe and its evolution, been a detector maintenance and calibration expert particularly in the timing sector. It is critical and imperative to understand timing measurements of particles produced and detected by the CMS detector as this is the basis not only as one of the important methods used in the search of new fundamental particles but as the certification of recorded data which is used by the entire CMS collaboration of researchers performing other analysis. I have been, the timing calibration expert since 2010 and will continue to do so once the LHC starts colliding protons early this year 2015. The LHC is schedule to run for another couple of years before the next shutdown. It is important to note that, the knowledge and results obtained through these research have positive influence in the growth of other research sectors like Nuclear Science, Nuclear Medicine, Health, new technology and eventually the economy.

There have been some profound discoveries made using the CMS particle detector, which without contributions from the U.S would be near impossible such as the observation of the Higgs boson which was announced and rightfully deserved the national publicity and world media coverage on the 4th of July 2012, my contribution has been in the supervision and certification of data recorded by the CMS detector. However, there are lots of exciting research ongoing which might hopefully lead to new discoveries and new technologies in the future. This is all going to benefit the growth and influence of the US in the world. I am privileged that coming from a background and small minority where research in fundamental science is not a priority, my efforts are contributing towards the growth and development of this science and helping to maintain and expand US leadership in understanding our universe. I keep hoping that my relentlessly efforts and dreams are not continuously being overshadowed by my background. I am convinced if my application for immigration through the EB2 National Interest Waiver is granted, I will be in the better position with available additional resources to make excellent contributions.

Yours Thankfully,

Norbert Tambe E.