

**Research Conference Response**

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NUR 203

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### **Top Public Health Challenges in the U.S.**

On Monday April 3<sup>rd</sup>, 2023, students from Alliance School of Nursing presented different top public health challenges that the U.S population is facing. The different topics that were addressed are the following: the burden of Cardiac disease , the burden of cancer, the burden of type 2 diabetes, the burden of chronic lung disease, the burden of the opioid crisis, and the burden of Alcohol abuse. Then, our guest speaker Dr. Lauren Ibiezugbe spoke about the Social Support and Empowerment among Caregiver of Children with Asthma.

Since I was also a presenter at the conference, I had to speak about the burden of chronic lung disease such as Chronic Obstructive Pulmonary disease in the U.S.. My group presented the causes, the risk factors, the clinical manifestations associated with the disease, and the financial impact it has on the U.S population. The study reviewed existing research and data sources relevant to the burden of chronic lung disease in the United States. Prevalence, incidence, mortality rate, associated with chronic lung disease were analyzed using various data sources and statistics. Afterwards, some suggestions were given on the prevention and management of chronic lung disease in order to reduce the burden of the disease on people in the U.S.

During the conference, Dr. Lauren Ibiezugbe presented her research and stressed on the significance of social support and empowerment among caregiver of children experiencing asthma. According to her research, asthma is considered to be the most common chronic disease in children worldwide. While parents already go through so much stress , they have to take care of their sick child and it has been shown that low social economic status is probably contributor to the burden of asthma. The study done proved that there is a correlation between all parts of the social support skills and all parts of the empowerment skills. Based on demographic data

collected from surveys for example, we concluded that the need social support to empower caregiver is important.