

Research Collaboration a Sine Qua Non in Modern Studies

Nnodim Johnkennedy^{1*}, Okechukwu-Ezike Ngozika² and Okorochi Alaezi Chinenye Mary³

¹*Department of Medical Laboratory Science, Faculty of Health Science, Imo State University, Owerri, Imo, Nigeria*

²*Department of Food Science, Faculty of Science, Imo State University, Owerri, Imo, Nigeria*

³*Department of Medical Laboratory Science, Babcock University Ilisan-Remo, Ogun State, Nigeria*

***Corresponding Author:** Nnodim Johnkennedy, Department of Medical Laboratory Science, Faculty of Health Science, Imo State University, Owerri, Imo, Nigeria.

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Introduction

Research collaboration consists of researchers from various stature, funding status, nations and different organizations. Fundamentally, their collaboration provide mutual understanding, work towards mutually interesting and beneficial research. In today's globalized environment, research collaboration is the foundation of the majority of studies. High research quality and fruitful collaboration go hand in hand. The foundation of collaborative research must be shared, up front expectations for the caliber of its outcomes. This is required to create a trustworthy research environment where everyone is willing to contribute and can benefit from the findings [1].

Indeed, in today's globalized environment, research collaboration is essential to establishing and sustaining a successful research career. Research advancement is facilitated by interdisciplinary, interorganizational, and multinational collaborations that bring together a distinctive array of skills, assets, cultures, and technical know-how [2].

The majority of contemporary health and medical related research rely on cooperation. While a research collaboration is typically understood to be an equal partnership between two or more participants who are pursuing mutually interesting and beneficial research, there are many different types and species of research collaborations, and the depth and balance of the relationship between the collaborators can vary [3].

However, for the most part, forming successful collaborations is extremely difficult for beginners in research. Likewise, finding matching partners, maintaining existing relationships, and spotting opportunities to work with them are all tasks that researchers must complete [4].

Furthermore, research collaboration contribute in assisting researchers in maximizing these partnerships. This collaboration in research might advance career and research. There are many benefits associated with research collaboration including increase in the scope of research and provide answers to more significant and challenging scientific issues by pooling the resources and talents. In the same vein, it increases influence in that a significant number of citations are positively correlated with collaborative papers. As papers with more authors earned more citations, especially if the authors were from diverse institutions [5].

Moreover, collaborative research attracts financial support. It provides a better chance of receiving funding if the research is highly diversified. Additionally, certain funding organizations now prioritize collaborations between the private and public sectors [6].

Indeed, it makes y network bigger. It has been noted that working with others can put one in contact with possible mentors, employers, and partners. It is worthy to note that research collaborations offer chances to pick up new skills, meet new people, develop fresh perspectives, and take part in thought-provoking discussions with professionals in related or complementary researches.

It has been observed that Interdisciplinary work and collaboration are expanding across all fields. As scholarly collaboration grows, it's critical to establish ethical working procedures. The partnership runs more effectively when clear ground rules are established and expectations are openly discussed [4].

However, it is necessary to discuss the parties' expectations. Everyone in a team could have different ideas about what they can contribute and how they should be recognized. It is simpler for each team member to contribute to the project efficiently by openly discussing these expectations [6].

It is indeed vital that research collaborators commence their research by predicting, addressing, and resolving any areas of dispute which could be kept as a written record. The function of each team member in the research is made obvious through a clear division of labour, which is related to discussing expectations. This will make authorship discussions easier [2].

It could seem as though everyone in a research collaboration has a distinct position. However, this presumption may cause confusion and debate regarding who wrote the original work. Authorship should be decided upon up front. Authorship may change if the research work is altered or takes a different turn. Once this occurs, authorship is renegotiated by all parties with the consensus preferably in writing. Conflicts about authorship are much less likely to arise after the research is ready to be published [7].

In conclusion, research collaboration entails a common obligation to maintain the integrity of the work. Failure to adhere to research regulations must be communicated to all parties involved especially researchers, institutions, and funding agencies when some element of the data is compromised. All researchers must properly identify their funding sources at the start of the partnership in order for this to be possible.

References

1. Lustig LC., et al. "Guiding principles for a successful multidisciplinary research collaboration". *Future Sci OA* 1 (2015): FS07.
2. Rensburg I, Motala S and David SA. "Opportunities and challenges for research collaboration among the BRICS nations". *Compare* 45 (2015): 814-8.
3. Patel S., et al. "Challenges of collaborative research". *Ind J Med Ethics* 8 (2011): 262.
4. Foote KE. "Building disciplinary collaborations on the World Wide Web: Strategies and barriers". *Journal of Geography* 98.3 (1999): 108-117.
5. Jeffries P and Grodzinsky F. "Developing online collaborative research across international boundaries: Exploring the potential of new technologies". *International Journal for the Scholarship of Teaching and Learning* 1.2 (2007).
6. Cummings J and Kiesler S. "Coordination costs and project outcomes in multi-university collaborations". *Research Policy* 36.10 (2007): 1620-1634.

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