ACKNOWLEDGEMENTS

In the Name of Allah, the Most Merciful, the Most Compassionate, Alhamdulillah all praises belongs to Almighty Allah, the Lord of the worlds and prayers and peace be upon Muhammad His servant and messenger.

First and foremost, I must acknowledge my limitless thanks to Allah, the Ever-magnificent, the Ever-Thankful, for His help and bless by giving me the opportunity, courage and enough energy to carry out and complete the entire thesis work titled "The Effect of Scientific Inquiry Learning Model Based on Conceptual Change on Physics Cognitive Competence and Science Process Skill (SPS) of Students at Senior High School" submitted in partial fulfilment of the requirements for the degree of Magister Pendidikan Fisika Postgraduate School in State University of Medan.

I am grateful to some people, who worked hard with me from the beginning till the completion of the present research and have assisted me throughout the completion of this research. Thus, I wish to acknowledge my appreciation to certain people, they are:

- 1. The Rector State University of Medan, Prof. Dr. Syawal Gultom, M.Pd.
- 2. The Director Postgraduate School State University of Medan, Prof. Dr. H. Abdul Muin Sibuea, M.Pd.
- 3. The Head of Physics Education Study Program, Prof. Dr. Sahyar, M.S., M.M., as my first supervisor and Dr. Ridwan Abdullah Sani, M.Si., as my second supervisor for their excellence advice and encouragement from the beginning till the completion of this thesis.
- 4. The Secretary of Physics Education Study Program, Prof. Dr. Nurdin Bukit, M.Si., as my first examiner, Dr. Derlina, M.Si., as my second examiner and Dr. Eva Marlina Ginting, M.Si., as my third examiner, for their comments on this thesis and advice on the completion of this thesis.
- 5. Dr. Karya Sinulingga, M.Si., and Dr. Makmur Sirait, M.Si., as the instrument validator.
- 6. All lectures for their valuable knowledge and instruction; and all staff for their helping regarding the administrative procedures.

7. The principle and teachers in SMA Muhammadiyah 1 Medan, for their

helping in this research.

8. My beloved parents; H. Jumroddin Nasution, S.Sos., and Syahri Banun

Harahap, and also to my beloved sisters and brothers Nurhidaya Fithriyah

Nasution, M.Pd., Rahimah Nasution, Amd., Bripda Muhammad Syukur

Nasution., and Muhammad Syukri Nasution, for their generous support they

provided me throughout my entire life and particularly through the process of

pursuing the master degree because of their unconditional love and prayers,

so I have the chance to complete this thesis.

9. All my beloved friends in Postgraduate School Year 2013, especially Class A

(Regular) Physics Education Study Program, who have been so supportive

along the way of doing my thesis.

The author has endeavored to as much as possible in completing this thesis,

but the author is aware there are many deficiencies, drawbacks in terms of both

content and grammar, then the authors welcome any suggestions and

constructive criticism from readers for this thesis perfectly. The author hopes the

contents of this paper would be useful in enriching the repertoire of knowledge

and education.

Medan, Author, 2015

Febriani Hastini Nst

Registration Number: 8136175006