ACKNOWLEDGEMENTS

Praise and sincerest gratitude be to Allah SWT, the almighty, for His immeasurable blessing, knowledge, opportunity, and ease her life, so that she has been finally able to accomplish her thesis.

This thesis is entitled: "Implementation of Guided Inquiry to Improve Students' Motivation and Learning Outcomes of Human Respiratory System for 11th Grade Student SMA Negeri 1 Tebing Tinggi Academic Year 2011/2012". It is intended as one of the requirement to obtain the degree of Sarjana Pendidikan.

The completion of this thesis is nothing without the support of many people around and close to her. She would like to express her special heartfelt thanks to the people, individuals or groups, who provided constructive advice and comments for improvement.

Undying gratitude is expressed to her beloved parents, **H. Raja Abidinsyah** and **Hj. Aminatun Zahriah**, for their boundless love, attention, encouragement, and support all along her life. Especially when she faced the puzzling situation in the arrangement of this thesis, the amazing endorsement always sheds to her. So, she could stay on the track to overcome it.

She also indebted to her beloved uncle and aunty Zainul Arifin and Nia Umniaty for their support to study in biology bilingual. Brothers and sisters, Putri L. Hafizah, Raja M. Rizky B., Raja Suci R., Raja Nurul F., and Raja M. Akbar H. for their invaluable support when she conducted the research.

Earnest gratitude also extended to her thesis supervisor, **Dr. Hj. Ely Djulia, M. Pd.**, for her valuable time spent in giving the guidance, suggestions, comments, and criticisms to qualify the content of this thesis.

She also owes debt to the peoples, including following; **Prof. Dr. Herbert Sipahutar, M.Sc., Syarifuddin, M.Sc., Ph.D.,** and **Dra. Martina Asiati Napitupulu, M.Sc.,** as examiners, for their constructive comments and suggestions for the improvement of this study. **Drs. H. Tri Harsono, M.Si**., the head of Biology department, for his motivation to finish this study. **Mhd. Syarif, M.Si., M.Pd.**, the principal of SMA Negeri 1 Tebing Tinggi for his kindness to allow her conducted research at this school. **Maimunah Nasution, STP**., Biology teacher in SMA Negeri 1 Tebing Tinggi for her pleasure to collaborate with her in this research at class XI IPA 6 and all of **students in XI IPA 6** for their attention and participation during conducted the research.

Thanks also to "Majlis Ta'lim" (Siti Sumari, Sukmawati Sundari, Rizky Jayati) for countless hours gathering valuable feedback and the overwhelming friendship. Special thanks to friends Verronicha, Henny, Dina, Silvia, Yenni, Syadwina, all her beloved friends in Biology Bilingual 2008 and relatives who cannot be mentioned more for the friendship, invaluable support, patience, and insight.

May Allah always bless us. Finally, with all humility this paper hopefully beneficial to contribute ideas in education, especially for the writer.

Medan, July 2012 The writer

Raja Novi Ariska NIM: 408141096