## Lost Wax Method Bronze Casting

| ABSTRACT |
| :---: |
| Large scale bronze casting is a work intensive process that requires adequately equipped studio space, time, and a se of highly refined skills to complete the eight stages of the process. My goal was to construct a life sized bronze statue of a traditional Athabascan fisherman. I chose to sculpt a classically proportioned Greek style statue, using similar processes and ratios. I looked over photographs that I took in the Vatican museum and several anatomy books. Wendy Croskrey supported my research in Iarge scale bronze casting a project this size. Through experimentation I discovered the importance of using the correct plaster and reinforcing molds properly. The process provided me with many firsts, such as a mold cracking open, plaster not setting, and having to recast a piece. Through hard work and careful consideration I was successful in completing the project. |
| INTRODUCTION |
| The project can be broken down into eight major stages that are comprised of many smaller individual steps. <br> Stages <br> Construction and building of the armature ......... 1 week Making and layering on the clay .......................... 1 week <br> Actual sculpting of clay ......................................... 9 weeks <br> Casting wax duplicate .......................................... 1 week <br> Casting in molding material ................................. 1 weeks <br> Bronze pouring ....................................................... 2 weeks <br> Welding, Metal Chasing, and clean up ................ 2 weeks <br> Patina ................................................................... 2 days |

## ACKNOWLEDGEMENTS

This project would not have been possible without the skills and time of my advisory, Wendy Croskrey, contributed to
every step of the process. I would like to thank the CLA every step of the process. I would like to thank the CLA
and the Eiteli iorg Museum for contributing funds to support
 Hoefler for helping me with purchasing.


Thank you to Bryson DeRonde, Erick Prowker and wendy
Croskrey for tel ip ing me pou
Thank you to Todd Paris for use of photographs.

Drawing From Life, Clint Brown and Cheryl Mclean


