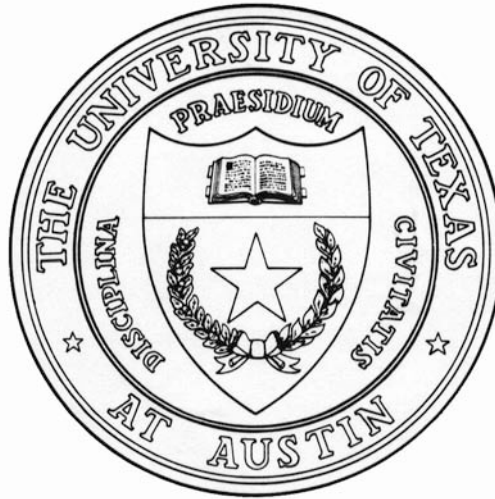


Fault Tolerant Heat Exchanger

Project Proposal

Submitted to:

Dr. David Morgan
National Aeronautics and Space Administration
Houston, Texas



Prepared by

Roger Morrison, Senior, Mechanical Engineering
Gregory Wilson, Senior, Mechanical Engineering
Ned Yamaguchi, Senior Mechanical Engineering

Engineering Design Program
The University of Texas at Austin
Austin, Texas

Fall 2003

OSTEONEXUS

A MICROGRAVITY FRACTURE HEALING SYSTEM

LEVEL I REPORT

STATEMENT OF WORK



RICE UNIVERSITY
DEPARTMENT OF BIOENGINEERING
6100 MAIN STREET MS-142, SUITE
116 HOUSTON, TX 77005

HIGH PERFORMANCE NINJAS [HPN] *BIOENGINEERING CLASS OF 2006*

ELAINE CHAN
CYNTHIA CHANG
ALEX GORDON
ERIC VU
PETER YANG



HPN@RICE.EDU

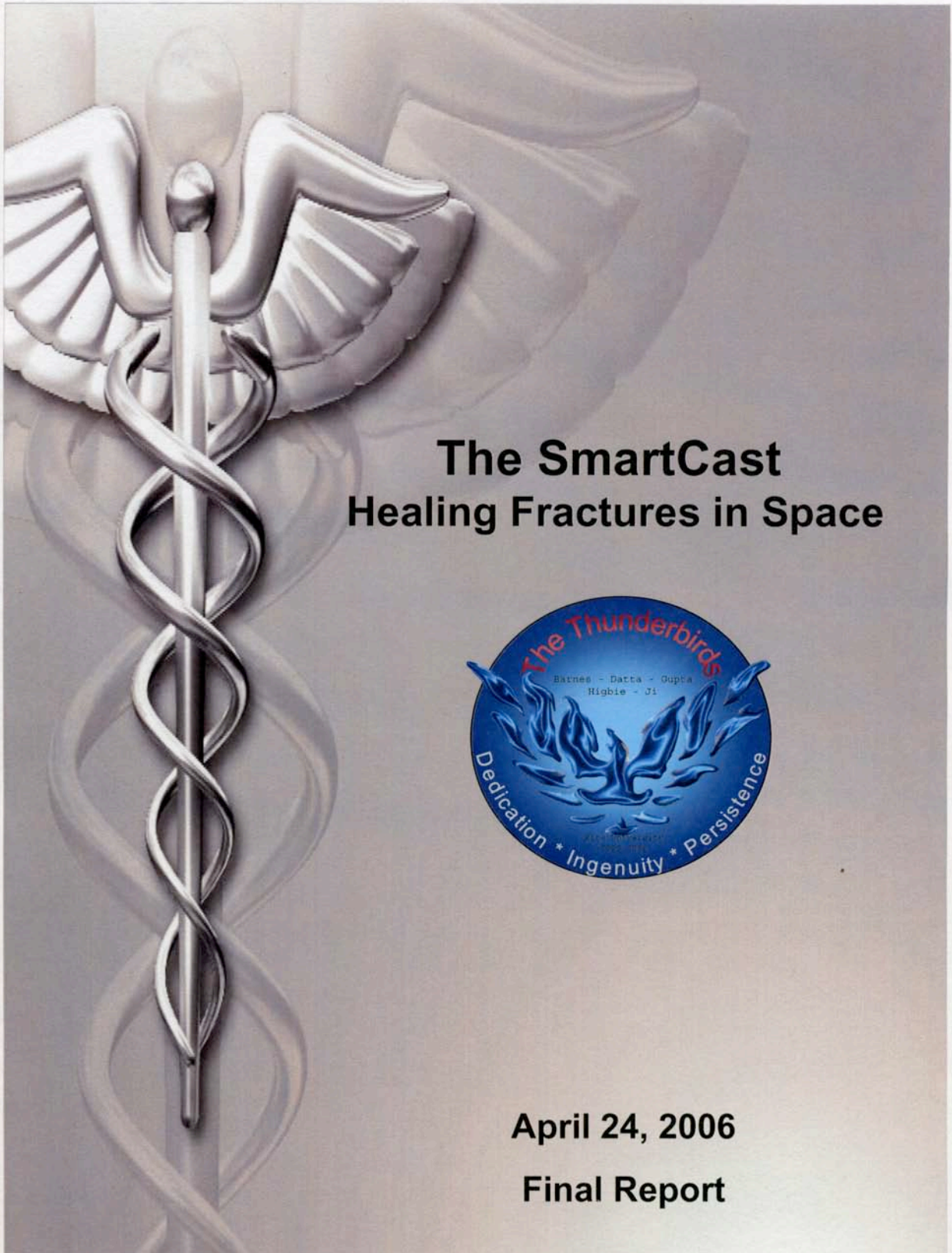
FACULTY CONTACT

Z. MARIA ODEN
BIOENGINEERING
MODEN@RICE.EDU

MICHAEL A.K. LIEBSCHNER
BIOENGINEERING
LIEBSCHNER@RICE.EDU

NASA CONTACT

TARA M. RUTTLEY
BIOMEDICAL SYS DIVISION
TARA.M.RUTTLEY@NASA.GOV



**The SmartCast
Healing Fractures in Space**



**April 24, 2006
Final Report**