

RESEARCH IN PROGRESS 1987/88

TITLE: An Investigation of the Extensional Tectonics of Southeastern California
PI(s): John C. Crowell
Grant No.: NAGW 1246
Agency: NASA
Award Period: 1/1/86-12/31/88
\$ Value: \$88,351
Abstract: Research is continuing investigation of selected test areas to study delineation and characterization of tectonic events. Test areas under investigation include Riverside, Borrego, Chocolate, Death Valley NW, Death Valley E, Southernmost Sierra.

TITLE Gift from Exxon Production Research Company
PI(s) John C. Crowell
Grant No.: Exxon
Agency: Exxon
Award Period: n/a
\$ Value: \$6,000
Abstract: Funds will support ongoing research of the geological history of Ridge Basin and its regional setting, and will be used for preparation of a publication that will include a colored geological map of the Ridge Basin.

TITLE: Vadose Zone Equipment Specifications and Monitoring Strategies Development.
PI(s): Lorne Everett
Grant No.: CR-813350-0105
Agency: EPA
Award Period: 1/1/88-9/14/88
\$ Value: \$250,000
Abstract: See *Appendix A-1, Proposals Submitted* for a description of this research project.

TITLE: Correlation of Radiometric and Biostratigraphic Timescales for the Triassic and Jurassic Murihiku Supergroup of New Zealand

PI(s): David C. Kimbrough
James M. Mattinson

Grant No.: EAR87-21110

Agency: National Science Foundation

Award Period: 2/15/88-7/31/89

\$ Value: \$35,000

Abstract: See *Appendix A-1, Proposals Submitted* for a description of this research project.

TITLE: A Comparative Field Test of PASSCAL Prototype Instruments at Parkfield, California

PI(s): Peter Malin

Grant No.: IRIS 0120

Agency: IRIS

Award Period: 4/1/88-11/30/88

\$ Value: \$41,912

Abstract: See *Appendix A-1, Proposals Submitted*, for a description of this research project.

TITLE: Lithospheric Structure of the Basin and Range: A PASSCAL Source Seismic Experiment

PI(s): William Prothero

Grant No.: IRIS 0123

Agency: IRIS

Award Period: 3/15/88-12/31/88

\$ Value: \$28,355

Abstract: See *Appendix A-1, Proposals Submitted*, for a description of this research project.

TITLE: Deformation Fabrics and Microstructures

PI(s): Richard Sibson

Grant No.: PR 5408 (revised)

Agency: Stanford University (flow-through from NSF)

Award Period: 1/1/87-12/31/87

\$ Value: \$6,307

Abstract: See *Appendix A-1, Proposals Submitted* for a description of this research project.

TITLE: Deformation Fabrics and Microstructures
PI(s): Richard Sibson
Grant No.: PR 5408
Agency: Stanford University (flow-through from NSF)
Award Period: 1/1/88-12/31/88
\$ Value: \$40,000
Abstract: See *Appendix A-1, Proposals Submitted* for a description of this research project.