
Institute of Geophysics and Planetary Physics. Administrative files. 1959-1990.

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Abstract: Record Series 552 contains administrative files generated by the Institute of Geophysics and Planetary Physics (IGPP) at the University of California, Los Angeles. Files include research proposals and administrative files.

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Access

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Historical note

The Institute of Geophysics and Planetary Physics (IGPP) at the University of California, Los Angeles was founded in 1946 to apply ideas and methods from the physical and life sciences to research and education in the geosciences, and to their applications. The IGPP was the founding branch of what is now a Research Unit established at the Los Angeles, Riverside, San Diego, Irvine, and Santa Cruz campuses of the University of California, and at two of the national laboratories administered by the University of California, the Los Alamos National Laboratory (LANL), and the Lawrence Livermore National Laboratory (LLNL). Former directors include Nobel Laureate Willard Libby. As of 2014, the IGPP actively operates three centers focused on areas of application: the Center for Planetary Science, the Center for Earth Systems Research, and the Space Physics Center.

Scope and Content

Record Series 552 contains administrative files generated by the Institute of Geophysics and Planetary Physics (IGPP) at the University of California, Los Angeles. Files include research proposals and administrative files. Research proposal files include proposals generated by researchers at Lawrence Livermore National Laboratory (LLNL), Los Alamos National Laboratory (LANL, also abbreviated as LASL and LANSL), and UC campuses including Los Angeles (UCLA), Santa Barbara (UCSB), San Diego (UCSD), Berkeley (UCB), Irvine (UCI), Riverside (UCR), and Santa Cruz (UCSC). Research proposal files also include related correspondence, reports, and other materials that support and document research at the IGPP. Administrative files include fellowship and grant information; reports; information about laboratories, centers, and other facilities; programs and projects; events and workshops; and other general administrative information regarding directors, committees, budgets, and publications.

This is an active record series; additional University records are expected to be added.

UCLA Catalog Record ID

UCLA Catalog Record ID: [3467101](#)

Research proposals. 1980-1989.

Scope and Contents note

Includes the following proposals: "Characterization of Non-Linear Porous Rocks" H.N. Fisher (LANL) and N. Warren (UCLA); "Tectonic Implications of Tertiary Dikes in Arizona, New Mexico, and Trans-Pecos, Texas" A.W. Laughlin (LANL), M.J. Aldrich (LANL) and K. Cameron (UCSC); "Formation of Craters in Ice at High Scaled Yields" J.A. Cheney (UCD) and E.S. Gaffney (LANL); "Non-Linear Evolution of Resistive Tearing-Mode Instabilities" R.S. Steinolfson (UCI) and R.F. Wallis (UCI); "Petrogenesis of the Polvadera Group, Jemez Mountains, New Mexico" I.D. MacGregor (UCD); "Numerical Integration of the N-Body Problem" J.G. Jernigan Jr. (UCB) and S.P. Gary (LANL); "Investigation of Radio Wave Interactions with the Ionosphere" L.M. Duncan (LANL) and A.Y. Wong (UCLA); "Theory of Whistler-Mode Wave Packets in the Foreshock" D.D. Sentman (UCLA) and S.P. Gary (LANL); "Computer Communications between UCLA and LANL" P.J. Coleman, Jr. (UCB); "Problems of Transportation Involved in the Use of Mountain State Coal for Pacific Coast Energy Consumption" O.L. Anderson (UCLA); "Simulation Study of the Electrostatic Ion Cyclotron Instability along Auroral Field Lines" P.L. Pritchett (UCLA) and K. Lee (LANL); "Study of Solar Wind - Magnetosphere Energy Transfer" D.N. Baker (LANL), E.W. Hones, Jr. (LANL), and R.L. McPherron (UCLA); "The Energy Gap of Xe at High Pressures" M.F. Nichol (UCLA) et al; "Studying Magnetospheric Processes and ULF Phenomena" P.R. Higbie (LANL); "Heat Flow in the Rio Granda Rift - A Well of Opportunity in Alamosa, Colorado" C.L. Edwards (LANL) et al; "Constitutive Modeling for Porous Materials" M.M. Carroll (UCB) and L.G. Margolin (LANL); "Electron Microprobe Analysis of Minerals from the Devil's Garden Lava Field: A Combined Training and Research Program" T. Bullen (UCSC); "Investigation of Gamma Ray Bursts" M.C. Jennings (UCR); "Proton Microprobe Trace Element Measurements of Meteoritic, Synthetic, and Terrestrial Materials" T. Benjamin (LANL) et al; "Radiative Heat Transfer in Silicates" T.J. Shankland (LANL) and C. Wang (UCB); "Request for IGPP Funds to Drill and Core in the San Juan Basin" W. Alvarez (UCB) and C. Orth (LANL); "Dispersion in Non-Uniform Porous Media" R. Carbonell (UCD); "Geochemical Studies of Igneous Rocks in an Active Rift Zone" D.J. DePaulo (UCLA) and W.S. Baldrige (LANL); "The Oxygen Isotopic Composition of Atmospheric Oxygen: Implications for Ozone and Atmospheric Mixing" M.H. Thiemans (UCSD) and A.S. Mason (LANL); "Condensation Processes in the Early Solar System" J.R. Arnold (Scripps) et al; "Proposal for the Study of Dike Rocks Which Have Intruded Sedimentary Rocks in the Geothermal Systems of the Salton Trough" W.A. Elders (UCR), F.E. Goff (LANL), and A.W. Laughlin (LANL); "Cooperative Theoretical and Experimental Study of Collisionless Shocks" C.F. Kennel (UCLA) and W. Feldman (LANL); "Inversion and Interpretation of Oceanic Controlled Electromagnetic Source Data" A.D. Chave (Scripps) and T.J. Shankland (LANL); "Study of Electrostatic Instabilities Due to Shear in $E \times B$ Flow" M.K. Hudson (UCB) and M. Thomsen (LANL); "Theoretical Analyses to Explain Global Extinction Mechanisms" L.W. Alvarez (UCB) and S.A.W. Gerstl (LANL); "Finite Element Geodynamic Modelling" G. Schubert (UCLA) and C. Anderson (LANL); and "Proposal for Establishment of an HF-radar Ionospheric and Mesospheric Observatory at Los Alamos" D.J. Simons (LANL) and L.M. Duncan (LANL).

Scope and Contents note

Includes the following proposals: "Deformation History and Texture Development" H. Wenk (UCB), J. Blacic (LANL); "A Comparison of Iron Disulfide Geochemistry in the Valles Caldera and Salton Sea Geothermal Systems" M.A. McKibben (UCR) and L.W. Maassen (LANL); "Studies to Determine the Distance Scale of Gamma-Ray Bursts" M.C. Jennings (UCR), J. Laros (LANL), and R. Klebesadel (LANL); "Nonpropogating Solitons" S. Putterman (UCLA) and J. Wheatley (Center for Materials Science/CMA); "Investigation of correlation scales, fading rates, directions of arrival and correlation bandwidths for HF reflection from the ionospheric F region" P.E. Argo (LANL) and H.G. Booker (UCSD); "Simple Solids at Very High Pressures: Chemical and Structural Studies" M.F. Nicol (UCLA) et al; "Maars and Cinder Cones, Rio Grande Valley, New Mexico: Hydrologic Indexing" R.V. Fisher (UCSB) et al; "A Method for Measuring Electric Currents in Plasmas" R.B. Torbert (UCSD); "The Measurement of Inelastic Electron Scattering Cross Sections Important for Understanding the Physics and Chemistry of Planetary Atmospheres" J. Nickel (UCR) et al; "Organic Chemistry at Very High Static Pressures: Can Unsaturated Chemical Compounds Survive 10 GPa?" M.F. Nicol (UCLA) et al; "Theoretical and Computational Studies of Ion Beam Instabilities in the Earth's Magnetotail" M. Ashour-Abdalla (UCLA) and P. Gary (LANL); "Molecular Theory of Ice Clathrates and Amorphous Ice in Comets" R.A. Harris (UCB) and L.R. Pratt (LANL); "An Interactive Spectral Simulation Program for Fitting CS Spectral Data Obtained From Cometary Observations" W.M. Jackson (UCD) and W.F. Huebner (LANL); "The Flow Within the Contact Surface of a Comet" A. Peratt (LANL) and M. Marconi (UCSD); "Creep of Polycrystalline Oxide and Fluoride Perovskite Analogues" A.J. Ardell (UCLA) and J.D. Blacic (LANL); "Morphogenesis and the Great Red Spot of Jupiter: The Role of Reactive Constituents and Dissipation" W.I. Newman (UCLA) and R.C. Malone (LANL); and "Trace Element Geochemistry of Altered Volcanic Ash" K.L. Versosub (UCD) and G. Heiken (LANL).

Scope and Content

Includes the following proposals: "Laboratory Simulation of the Solar Wind-Comet Interaction" R.S. White (UCR) and R.D. Zwickl (LANL); "World-wide fading characteristics for HF radio propagation using a multi-layer ionosphere" P.E. Argo (LANL) and H.G. Booker (UCSD); "Texture Development and Anisotropy in Deformed Rocks" H.R. Wenk (UCB) and U.F. Kocks (LANL); "An MHD Simulation of Io's Interaction the the Plasma Torus" M.G. Kivelson ((UCLA) et al; "Computer Studies of Ion Beam Instabilities int he Earth's Magnetotail and at Comets" M. Ashour-Abdalla (UCLA) and S.P. Gary (LANL); "Relationship of Global Chemical and Biological Events in the Geological Record: Examination of Organic-rich and Ophiolitic Rocks" W.B.N. Barry (UCB) and C.J. Orth (LANL); "Sulfide Mineralization in Cores from the VC-1 Borehole, Valles Caldera" M.A. McKibben (UCR) and L.W. Maassen; "Studies to Determine the Distance Scale of Gamma-Ray Bursts" M.C. Jennings (UCR), R. Klebesadel (LANL), and J. Laros (LANL); "Activation Analysis with Neuron Beams of Mixed Energies" K.L. Verosub (UCD), S.R. Garcia (LANL); "Seafloor Hydrothermal Systems and Processes: Trace Element Analysis of Geologic Materials using the Nuclear Microprobe" R.M. Haymon (UCSB), T.M. Benjamin (LANL), and D.R. Janecky (LNL); "Creep of Polycrystalline Oxide and Flouride Perovskite Analogues" A.J. Ardell (UCLa) and J.D. Blacic (LANL); "Nuclear Processes in Diamonds and Other Mantle Samples" D. Lal (UCSD) and D. Curtis (LANL); "A Study of Solar Wind-Magnetosphere Energy Coupling Using Magnetospheric Activity Indices Based on Global Auroral Luminosity Distributions" R.L. McPherron (UCLA) and D.N. Baker (LANL); "Laboratory and Computer Simulation of Ion Dynamics in the Magnetosphere" R.D. McWilliams (UCI) and J.E. Borovsky (LANL); "Seismic Refraction Modeling of the Espanola Basin, Rio Grande Rift, New Mexico" S. Biehler (UCR) and R. Riecker (LANL); "Study of the Ion-acoustic-like Effects in the Magnetosphere" F.S. Mozer (UCB) and S. Gitomer (LANL); "Dating of Young Volcanic Rocks Using the Buildup of Cosmogenic Light, Rare Isotopes" F.M. Phillips (New Mexico Institute of Mining and Technology/NMIMT) and W.S. Baldrige (LANL); and "A Search for Exotic Lunar Regolith Materials Among Unstudied Apollo Samples" P.H. Warren (UCLA), G.H. Heiken (LANL), and D.T. Vaniman (LANL).

Box 1,
Folders 8-11

IGPP-LANL research proposals. 1987-1988.

Scope and Content

Includes the following proposals: "Model of the Global Properties of Cometary Ions" J.G. Luhmann (UCLA); "Improved Background Suppression for Microchannel Plate Detectors" S.M. Kahn (UCB); "Extreme Particle Flux Decreases at Geostationary Orbit: A Manifestation of Current Diversion and Disruption in the Inner Plasma Sheet" R.L. McPherron (UCLA); "Determination of Grain-boundary Diffusion Rates for Quartz" P. Bird (UCLA); "Simulation of Cosmic Ray Production of Medium and Long-lived Radionuclides in Terrestrial Rocks" D. Lal (UCSD); "Nuclear Processes in Diamonds and Other Mantle Samples" D. Lal (UCSD); "Application of the Moving Finite Element Method to Elastic Scattering" J.A. Orcutt (UCSD); "Investigation of Nonlinear Effects in Auroral Ionospheric Modification Experiments" A.Y. Wong (UCLA); "Influence of Planetary Atmospheres on Remotely Sensed Images" (principal investigator to be determined); "A Joint Fast Plasma/Magnetic Field study of Transient Reconnection Processes at the Magnetopause and in the Magnetotail with ISEE-1&2" R.C. Elphic (UCLA); "Ignimbrites of Cerro Panizos Caldera, Northwestern Argentina: Depositional Stratigraphy and Geochemistry" R.V. Fisher (UCSB); "Special IGPP Project No.58: Climatology and Atmospheric Radiation Modelling" S.A.W. Gerstl (LANL); "Observation and Measurement of Spectra of Diamotitic Sulfides Likely to be Present in Astrophysical Sources" J.G. Phillips (UCB); "Three Dimensional Thermal Convection in Spheres and Spherical Shells" G. Schubert (UCLA); "Development of Anisotropy and Implications for Flow in Crust, Mantle, and Core" H. Wenk (UCB); "Reaction Path Modelling of Fluid-Rock Interaction in a Fossil Submarine Hydrothermal System: Solea Graben, Troodos Ophiolite, Cyprus" P. Schiffman (UCD); "Collaborative Analysis of Pioneer Venus Orbiter, International Cometary Explorer, Venera, and Prognos Cosmic Gamma Ray Bursts" K.C. Hurley (UCB); "The Inner Magnetosphere Response to Substorms: A Multi-Spacecraft Study" R.J. Strangeway (UCLA); "Seismic and Geodetic Studies in California" D.D. Jackson (UCLA); "Seafloor Hydrothermal Systems and Processes: Trace Element Analysis of Geologic Materials Using the Nuclear Microprobe" R.M. Haymon (UCSB); "Propagation of Charge-Neutral Beams in Space Plasmas" R.M. Winglee (University of Colorado); "Modelling Geomagnetic Polarity Transitions" K.L. Verosub (UCD); "Laboratory Simulation of Magnetic Reconnection and Plasmoid Formation in the Earth's Magnetotail" Hafiz-ur-Rahman (UCR); "Magma Ascent by Crack Flow Through the Earth's Crust" P.A. Witherspoon (UCB); "The Determination of Inelastic Electron Scattering Sections Important for Understanding the Physics and Chemistry of Planetary Atmospheres" J. Nickel (UCR); "Analysis of PVO Data to Determine the Temperatures of and Distances to Gamma-Ray Bursts" M.C. Jennings (UCR); "Relationship of Global Chemical and Biological Events in the Geological Record: Examination of Organic-Rich and Ophiolitic Rocks" W.B.N. Berry (UCB); "Research Assistant for High-Pressure Shock-Wave Measurements on Materials of Geophysical Importance" O.L. Anderson (UCLA); "Photodissociation and Reactive Molecular Collision Theory" G.A. Parker (University of Oklahoma); "An Improved System for the Early Detection of Supernovae" R.A. Muller (UCB); and "Pliocene to Recent State of Stress of Crustal Blocks Within the Central Rio Grande Rift" J.F. Ni (New Mexico State University) and M.J. Aldrich Jr. (LANL).

Box 1,
Folders 12-13

IGP-LANL research proposals. 1988-1989.

Scope and Content

Includes the following proposals: "Three Dimensional Spherical Models of Mantle Convection" G. Schubert (UCLA), G. Glatzmaier (LANL), and J. Baumgardner (LANL); "Ignimbrites of Cerro Panizos Caldera, Northwestern Argentina: Depositional Stratigraphy and Geochemistry" R.V. Fisher (UCSB) and G.H. Heiken (LANL); "Nuclear Processes in Diamonds and Other Mantle Samples" D. Lal (UCSD) and D. Curtis (LANL); "Simulation of Cosmic Ray Production of Medium and Long-lived Radionuclides in Terrestrial Rocks" D. Lal (UCSD) et al; "Research Assistant for High-Pressure Shock-Wave Measurements on Materials of Geophysical Importance" O.L. Anderson (UCLA); "Magnetic Structure of Slow Shocks" F.S. Mozer (UCB) et al; "Geophysical Flow Patterns by Chaotic Advection" H. Aref (UCSD); "Repeatability of Substorm Signature in the Plasma Sheath" R.L. McPherron (UCLA) and E.W. Hones (LANL); "Fault Hazard Studies" D.D. Jackson (UCLA), M. Fehler (LANL), and P. Johnson (LANL); "Rock Magnetic and Paleomagnetic Properties of Rock Varnish" K.L. Verosub (UCD) and C.D. Harrington (LANL); and "Stability of Coherent Vortices in Turbulence" G.G. Carnevale (UCSD) et al.

Box 2, Folder 1

IGPP-LANL research Proposals (funded). Los Angeles (UCLA). 1988-1989.

Scope and Content

Includes the following proposals: "A Comprehensive Study of Electromagnetic Ion/Ion Instabilities in the Terrestrial Magnetotail" M. Ashour-Abdalla (UCLA) and S.P. Gary (LANL); "Research Assistant for High-Pressure Shock-Wave Measurements on Materials of Geophysical Importance" O.L. Anderson (UCLA) and R.G. McQueen (LANL); "Teleseismic Studies Traversing the Rio Grande Rift/Basin and Range Extensional Regime and the Colorado Plateau Margin" P.M. Davis (UCLA) and K.H. Olsen (LANL); "A Joint Fast Plasma/Magnetic Field study of Transient Reconnection Processes at the Magnetopause and in the Magnetotail with ISEE-1&2" R.C. Elphic (UCLA), D.J. McComas (LANL), and J.T. Gosling (LANL); "Fault Hazard Studies" D.D. Jackson (UCLA), M. Fehler (LANL), and P. Johnson (LANL); "Repeatability of Substorm Signature in the Plasma Sheath" R.L. McPherron (UCLA) and E.W. Hones (LANL); "Equations of State of Core Materials" M.F. Nicol (UCLA) and D. Schiferl (LANL); "Beam Plasma Interactions" C.T. Russell (UCLA) and M. Friedman (LANL); and "Three Dimensional Spherical Models of Mantle Convection" G. Schubert (UCLA), G. Glatzmaier (LANL), and J. Baumgardner (LANL).

Box 2, Folder 2

IGPP-LANL research proposals (funded). Santa Barbara (UCSB). 1988-1989.

Scope and Content

Includes the following proposals: "Ignimbrites of Cerro Panizos Caldera, Northwestern Argentina: Depositional Stratigraphy and Geochemistry" R.V. Fisher (UCSB) and G.H. Heiken (LANL); and "Collision Dynamics and Planetary Accretion" S. Peale (UCSB) and C. Patterson (LANL).

Box 2, Folder 3

IGPP-LANL research proposals (funded). San Diego (UCSD). 1988-1989.

Scope and Content

Includes the following proposals: "Geophysical Flow Patterns by Chaotic Advection" H. Aref (UCSD); "Nuclear Processes in Diamonds and Other Mantle Samples" D. Lal (UCSD) and D. Curtis (LANL); "Simulation of Cosmic Ray Production of Medium and Long-lived Radionuclides in Terrestrial Rocks" D. Lal (UCSD) et al; "Geophysical Search for the Fifth Force of Nature" F.N. Spiess (UCSD) and M.E. Ander (LANL); and "Stability of Coherent Vortices in Turbulence" G.F. Carnevale (UCSD) et al.

Box 2, Folder 4

IGPP-LANL research proposals (funded). Davis (UCD). 1988-1989.

Scope and Content

Includes the following proposals: "Rock Magnetic and Paleomagnetic Properties of Rock Varnish" K.L. Verosub (UCD) and C.D. Harrington (LANL); and "Exploring the Astrophysics of Explosive Transients With Ginga" R.H. Becker (UCD) et al.

Box 2, Folder 5

IGPP-LANL research proposals (funded). Berkeley (UCB). 1988-1989.

Scope and Content

Includes the following proposals: "Digital Proportional Counters for High Energy Resolution in Soft X-Ray Astronomy" S. Chakrabarti (UCB) and W.C. Priedhorsky (LANL); "Isotopic and Geochemical Studies of Continental Lithosphere in a Region of Active Rifting: The Colorado Plateau and Rio Granda Rift Areas" D.J. DePaulo (UCB) and W.S. Baldrige (LANL); "Collaborative Analysis of Pioneer Venus Orbiter, International Cometary Explorer, Venera, and Prognoz Cosmic Gamma Ray Bursts" K.C. Hurley (UCB); "Magnetic Structure of Slow Shocks" F.S. Mozer (UCB) et al; "Observational Study of Compact Stellar Remnants" R.A. Muller (UCB) and J. Middleditch (LANL); "Observation and measurement of spectra of diatomic sulfides likely to be present in astrophysical sources" J.G. Phillips (UCB), S.P. Davis (UCB), and B. Palmer (LANL); and "Modelling of anisotropic plastic flow in rocks with experimental data on texture development" H. Wenk (UCB) and U.F. Kocks (LANL).

Box 2, Folder 6

IGPP-LANL research proposals (funded). Irvine (UCI). 1988-1989.

Scope and Content

Includes the following proposals: "Study of Ultra High Energy Radiation From Compact Objects Using the Cygnus Array" G.B. Yodh (UCI) and D.E. Nagle (LANL).

Box 2, Folder 7

LLNL research proposals. 1983.

Scope and Content

Includes the following proposals: "Magnetic Rayleigh-Taylor Instabilities in Galactic Disks" A. Giz (UCB), F. Shu (UCB); "Two-Dimensional Numerical Hydrodynamical Calculations of Non-Spherical Supernova Explosions" P. Bodenheimer (UCSC); "Two Dimensional Hydrodynamic Effects in the Late Stages of Close Binary Evolution" R.E. Taam (UCSC); "Structure of Collisionless Shock Waves at Very High Mach Number/Accretion onto Polar Caps of Magnetized Neutron Stars" J. Arons (UCB); "High-pressure-High Temperature Experiments Pertaining to the Earth's Mantle and Core" R. Jeanloz (UCB) and J. Akella (LLNL); "High Pressure - High Temperature Properties of Alkali Metals" R. Boehler (UCLA) et al; "Theoretical Calculations of the Properties of Hydrogen-Helium Mixtures at Planetary Pressures" M.T. Bukowski (UCB) et al; "Numerical Model of the Dynamics of the Earth's Interior" J. Baumgardner (UCLA); "Emission Spectra from Simple Shocked Solids" M.F. Nicol (UCLA) and W.J. Nellis (LLNL); "Synthetic Seismograms in Layered Media" A.K. Mal (UCLA); and "High Pressure - High Temperature Deformation Properties of Minerals" H. Wenk (UCB) and H.C. Heard (LLNL). Additionally includes correspondence and proposals not awarded funding.

Box 2, Folders 8-9

LLNL research proposals. 1983-1984.**Scope and Content**

Includes the following proposals: "Development of 3-D Electromagnetic Modeling Codes for the Interpretation of Geophysical Electromagnetic Data" G.D. Dease (LLNL), E.M. Didwall (LLNL), and H.F. Morrison (UCB); "High Mach Number Collisionless Shockwaves: Relativistic Particle Acceleration and Flow Structure" J. Arons (UCB), B. Langdon (LLNL), and C.E. Max (LLNL); "Synthetic Seismograms in Layered Media" "A.K. Mal (UCLA) and R.C. Chin (LLNL); "Simultaneous Hypocenter-Structure Inversions" W. Prothero (UCSB) and J. Scheimer (LLNL); "Generation of Continuum Radiation" M. Abdalla (UCLA); "Iron-Core Collapse in Highly Evolved Stars and Type II Supernova Explosions" F. Shu (UCB); "Dynamics and X-Ray Spectra of Inhomogeneous Young Supernova Remnants" C.F. McKee (UCB); "Time Dependent Radiative Transfer Calculations of the Reprocessing of X-Ray and Y-Ray Bursts" R. London (LLNL); "A Study of Auroral Double Layer Evolution and Particle Acceleration" M.K. Hudson (UCB); "Isotopic Studies in Diamonds" J.H. Reynolds (UCB) and D.A. Leich (LLNL); "Magnetic Instabilities in Galactic Disks and in Supersonic Jets from Radio Galaxies" P. Woodward (LLNL); "Study of Complex Rupture Patterns along the Calaveras Fault using Broad-Band Digital Seismogram Data" K. McNally (UCSC); "Late Stages of Stellar Evolution" S.E. Woosley (Lick Observatory); "Construction of a High Temperature Diamond Anvil Pressure Apparatus for the Measurement of Melting of Rubidium at High Pressure" R. Boehler (UCLA); "Laboratory Investigation of Magnetic Remnence Acquisition in a Lunar-Like Environment" W.D. Daily (LLNL) et al; "High Pressure-High Temperature Deformation Properties of Minerals" H. Wenk (UCB) and H.C. Heard (LLNL); "Theoretical Calculations of the Properties of Hydrogen-Helium Mixtures at Planetary Pressures" M. Bukowski (UCB) and M. Ross (LLNL); "High P/T Experiments Pertaining to the Earth's Mantel and Core" R. Jeanloz (UCB) and J. Akella (LLNL); "Emission Spectra from Shocked Simple Solids" M. Nicol (UCLA) and W.J. Nellis (LLNL); "Theoretical Model-Atmosphere Synthesis of K-Giant and G-Dwarf Spectra" S.M. Faber (UCSC); and "Numerical Hydronamical Calculations Related to Supernova Explosions" P. Bodenheimer (Lick Observatory).

Box 2, Folder 10

LLNL research awards. 1983-1984.**Scope and Content**

Includes the following proposals: "Isotopic Studies in Diamonds" J.H. Reynolds (UCB) and D.A. Leich (LLNL); "Magnetic Instabilities in Galactic Disks and in Supersonic Jets from Radio Galaxies" P.R. Woodward (LLNL) and F. Shu (UCB); "Study of Complex Rupture Patterns along the Calaveras Fault using Broad-Band Digital Seismogram Data" K. McNally (UCSC); "Late stages of Stellar Evolution" S.E. Woosley (UCSC); "Construction of a High Temperature Diamond Anvil Pressure Apparatus for the Measurement of Melting of Rubidium at High Pressure" R. Boehler (UCLA); "Laboratory Investigation of Magnetic Remnence Acquisition in a Lunar-Like Environment" W.D. Daily (LLNL) et al; "High Pressure - High Temperature Deformation Properties of Minerals" H. Wenk (UCB) and H.C. Heard (LLNL); "Theoretical Calculations of the Properties of Hydrogen-Helium Mixtures at Planetary Pressures" M. Bukowski (UCB) and M. Ross (LLNL); "High P/T Experiments Pertaining to the Earth's Mantel and Core" R. Jeanloz (UCB) and J. Akella (LLNL); "Emission Spectra from Simple Shocked Solids" M.F. Nicol (UCLA) and W.J. Nellis (LLNL); "Theoretical Model-Atmosphere Synthesis of K-Giant and G-Dwarf Spectra" S.M. Faber (UCSC); "Numerical Hydronamical Calculations Related to Supernova Explosions" P. Bodenheimer (Lick Observatory); and "Correlation of Bristlecone Pine Ring Widths with Atmosphere Carbon-14 Variations: A Climate-Sun Relation" C.P. Sonett (University of Arizona) and H.E. Suess (UCSD).

Box 2,
Folders 11-14

LLNL research proposals. 1984-1985.

Scope and Content

Includes the following proposals: "Ultra-high Magnetic Field Generation Using Laser Produced Plasmas" C. Joshi (UCLA) and R.W. Lee (LLNL); "Thermal Expansion of (Mg, Fe) SiO₃ Perovskite" R. Jeanloz (UCB); "Investigation of Mantle Body Waves" L. Knopoff (UCLA) and K.K. Nakanishi (UCLA); "The Effects of Loss Cone and Conic Pitch-Angle Distribution on Auroral Plasma Stability" M.K. Hudson (UCB) and G.R. Smith (LLNL); "Iron Core Collapse Supernovae" F. Shu (UCB); "Plasma Astrophysics" J. Arons (UCB); "Computing the Resonance Spectra of a Monoclinic Single Crystal Under No-Load Conditions" I. Ohno (UCLA); "Deformation of Carbonates at High Pressure (Theory and Experiment)" H. Wenk (UCB) and H.C. Heard (LLNL); "Shear Instabilities in Accretion Disks" E. Knobloch (UCB); "Electromagnetic Detection of Cavities" A. Becker (UCB); "An Investigation of Galaxy Clustering Utilizing Large Scale Computing" J.G. Jernigan (UCB); "Dynamics and X-Ray Spectra of Inhomogeneous Young Supernova Remnants" C.F. McKee (UCB); "Study of Complex Rupture Patterns along the Calaveras Fault using Broad-band Digital Seismogram Data" K.C. McNally (UCSC); "Theoretical Nuclear and High Energy Astrophysics" S.E. Woosley (Lick Observatory); "Visit of Dr. David Branch" S.E. Woosley (Lick Observatory); "Computer Simulation of MHD Instabilities in Astrophysics" P.R. Woodward (LLNL) and F. Shu (UCB); "New Method for Numerical Simulation of Core Collapse of Large N System" J. G. Jernigan (UCB) and P.R. Woodward (LLNL); "Emission Spectra from Shocked Simple Solids" M. Nicol (UCLA) and W.J. Nellis (LLNL); "IGPP UCSD-LLNL Collaborative Study of Seismic Data Telemetry Via Satellite Using Spread Spectrum Technology" J. Berger (UCSD) and J.F. Scheimer (LLNL); "Simultaneous Hypocenter-Structure Inversions" W. Prothero (UCSB) and J. Scheimer (LLNL); "A Proposal to Measure the Effects of Dislocations Upon Electrical Conductivity of Olivine" C. Wang (UCB) et al; "Computer Study of Turbulence and Turbulent Mixing" C.H. Gibson (UCSD); "Effects of Solar Activity Upon the Terrestrial Climate" H.E. Suess (UCSD); "Cesium Iodide Melting at High Pressure" R. Boehler (UCLA) et al; "Theoretical Simulation of Strong Earthquake Motion" A.K. Mal (UCLA) and J. Savy (LLNL); "Effect of Dynamic High Pressure Treatment on the Physical Properties of Solids" M.B. Maple (UCSD) and W.J. Nellis (LLNL); "Singular Perturbation Methods in Seismology" F. Gilbert (UCSD) et al; "High Frequency Body Wave Propagation from Underground Nuclear Explosions, II" J. Rial (UCSC); and "Theoretical Studies of Quasars and Active Galaxies" W.H. Tucker (UCI) and J. Weisheit (LLNL).

Box 2,
Folders 15-16

LLNL research proposals. 1984-1985.

Scope and Content

Includes the following proposals: "Coda Studies at Mono Craters, California" W.A. Prothero (UCSB); "Estimating Earthquake Magnitude From the Initial Waveform" T.V. McEvilly (UCB); "Plasma Processes In Interplanetary Type III Radio Bursts" R.P. Lin (UCB); "Statistical Mechanics and Phase Equilibria of Ionic and Geophysical Systems at High Pressure" M. Bukowinski (UCB); "Computing the Resonance Frequency Spectra of a Rectangular Parallelepiped Single System Crystal of Monoclinic Symmetry" S. Yamamoto (UCLA); "Numerical Model of Emission Line Cloud-Hot Intercloud Medium Interface in QSOs and Seyfert Galaxies" R.C. Puetter (UCSD); "Gravity Flow of Granular Solids: A Comparison of Experimental Measurement and Discrete-Particle Calculations" R.L. Shreve (UCLA); "Development of Damage Theory for Polymeric Materials" R.A. Carman (UCB), M.M. Carroll (UCB) and W.W. Feng (LLNL); "Melting of Simple Solids at High Pressures" R. Boehler (UCLA); "The Stratigraphic Position of Eclogites in the Upper Mantle: Constraints from Experimental Calibration and Application of Eclogite Thermobarometers" A.A. Finnerty (UCD) and J. Akella (LLNL); "Teleseismic Studies in Long Valley Caldera" W.A. Prothero (UCSB); and "Studies of the Electrical Conductivity of Upper Mantle Rocks in the Temperature Range 100°C to 600°C" S. Constable (UCSD).

Scope and Content

Includes the following proposals: "Two Dimensional MHD Studies of the Comet-Solar Wind Interaction: A Proposal for Travel and Computer Funds" H.L.F. Houpis (UCSD) et al; "Astrophysical Studies of CNO Isotopes" M.A. Jura (UCLA), D. Dearborn (LLNL) and I. Hawkins (UCLA); "Computer Study of the Turbulent Mixing of Scalars" C.H. Gibson (UCSD) and R.M. Kerr (LLNL); "Anisotropic Plastic Flow in Rocks: Model and Experimental Evidence" H. Went (UCB), H.C. Heard (LLNL) and A. Meike (UCB); "Study of Heat Flow in the Salton Sea Geothermal Area and Its Adjacent Fault Zones" T. Lee (UCR), et al; "Numerical Model of Emission Line Cloud-Hot Intercloud Medium Interface in QSOs and Seyfert Galaxies" R.C. Puetter (UCSD), G.H. Fisher (LLNL) and S. Langer (LLNL); "Gravitational Perturbations in Spiral and Elliptical Galaxies" L.E. Hernquist (UCB) et al; "Dynamics and X-Ray Spectra of Inhomogenous Young Supernova Remnants" C.F. McKee (UCB), C.B. Tarter (LLNL) and C. Romanik (UCB); "Plasma Astrophysics" J. Arons (UCB) et al; "Ion Microprobe Analyses of Phenocrysts and Glasses from the Inyo Lavas and Mono Domes, Eastern California" K.L. Cameron (UCSC) and F.J. Ryerson (LLNL); "Study of Complex Rupture Patterns along the Calaveras Fault using Broad-Band Digital Seismogram Data" K. McNally (UCSC) et al; "Laboratory Studies in X-ray Transfer Physics Relevant to Cosmic Sources" S.M. Khan (UCB) et al; "Nuclear Astrophysics and Radiation Transport" S.E. Woosley (UCSC) et al; "IGPP UCSD-LLNL Collaborative Study of Seismic Data Telemetry Via Satellite Using Spread Spectrum Technology" J. Berger (UCSD) and N. Burr (LLNL); "A Proposal to Measure the Hall Effect in Olivine at High Temperature" C. Wang (UCB), A.G. Duba (LLNL) and L.M. Hirsch (UCB); "Dynamic Material Modeling and Source Identification" J.L. Sackman (UCB), M.D. Denny (LLNL) and D.B. Larson (LLNL); "Seismological Studies of Core Transition Zones" L.R. Johnson (UCB), F.E. Followill (LLNL) and P. Cummins (UCB); "Seismic Studies Using Digital, Three-Component, Broadband Data from the Regional Seismic Test Network (RSTN) and the Livermore Digital Seismic System (LLNL-DSS)" F. Schwab (UCLA) and K.K. Nakanishi (LLNL); "Precision Fabrication of Grazing Incidence Glass Optics" C.S. Bowyer (UCB) et al; "Simultaneous Hypocenter-Structure Inversions" B. Prothero (UCB) et al; "The Effects of Loss Cone and Conic Pitch-Angle Distribution on Auroral Plasma Stability" M.K. Hudson (UCB) et al; "Nonlinear Interaction of High Power Electromagnetic Waves with the Underdense Ionospheric Plasma" A.Y. Wong (UCLA) and W. Kruer (LLNL); "Melting Line and Phase Transitions in the Shock Processed Materials Nd 2Fe 14B and Nb 3Si" R. Boehler (UCLA) and W.J. Nellis (LLNL); "Ion Chromatographic Analysis of Ice Core Samples from Central Greenland" H. Craig (Scripps) and R. Finkel (LLNL); "Emission Spectra from Simple Shocked Solids" M.F. Nicol (UCLA) and N.C. Holmes; "Dynamic High Pressure Processing and Synthesis of Novel Materials" M.B. Maple (UCSD) and W.J. Nellis (LLNL); "An SIO/IGPP, LLNL/IGPP Digital Data Exchange Experiment" J.A. Orcutt (UCSD) et al; "Dynamic Response of Fully and Partially Fluid-Saturated Rocks: Experimental Investigations" W. Goldmith (UCB) et al; "Dynamic Response of Fully and Partially Fluid-Saturated Rocks: Theoretical Investigations" W. Goldmith (UCB) et al; "Discrimination at Small Magnitudes Using RSTN Data" T.V. McEvilly (UCB) and S.R. Taylor (LLNL); and "Investigations into the Seismic Structure and Seismic Wave Propagation in the Northern Basin and Range" J.S. McClain (UCD) et al.

Box 3,
Folders 6-11

IGPP-LLNL research proposals. 1986-1987.
Scope and Content

Includes the following proposals: "Teleseismic Studies in Long Valley Caldera" W.A. Prothero Jr. (UCSB); "Seismic Studies Using Digital, Three-Component, Broadband Data from the Regional Seismic Test Network (RSTN) and the Livermore Digital Seismic System (LLNL-DSS)" F. Schwab (UCLA) and K.K. Nakanishi (LLNL); "Studies of the Electrical Conductivity of Upper Mantle Rocks in the Temperature Range 100°C to 600°C" S. Constable (UCSD); "Numerical Model of Emission Line Cloud-Hot Intercloud Medium Interface in QSOs and Seyfert Galaxies" R.C. Puetter (UCSD), G.H. Fisher (LLNL) and S. Langer (LLNL); "The Stratigraphic Position of Eclogites in the Upper Mantle: Constraints from Experimental Calibration and Application of Eclogite Thermobarometers" A.A. Finnerty (UCD) and J. Akella (LLNL); "Laboratory Development of a Phasing Camera for the Keck Telescope Segmented Mirror " G. Chanan (UCI); "Implementation of the Astronomical Image Processing System on the Cray Computer at LLNL" R. Becker (UCD); "Collaborative Computer-aided Interpretation of Downhole Wireline Geophysical Logs from the Salton Sea Geothermal Field, Imperial Valley" W. Elders (UCR) and P.W. Kasameyer (LLNL); "Emission Spectra from Simple Shocked Fluids" M. Nicol (UCLA) and N.C. Holmes (LLNL); "Statistical Mechanics and Phase Equilibria of Ionic and Geophysical Systems at High Pressure" M. Bukowinski (UCB); ""Plasma Astrophysics" J. Arons (UCB) et al; "Computer Modelling of the Thermal Regime of the Pacific Northwest" K. Verosub (UCD) and P. Kasameyer (LLNL); "The Relationship of Heat Flow to Hydrothermal Alternation of Sediments Overlying the Salton Sea Geothermal Reservoir" M. Kastner (UCSD) et al; "Thermodynamics and Geochemistry of Natural Waters" A. Dickson (UCSD), P. Jordan (UCSD) and K.J. Jackson (LLNL); "Seismological Studies of Core Transition Zones" L.R. Johnson (UCB) and F.E. Followill (LLNL); "Generation of Surface Waves from the Collapse of Explosion Cavities" L. Knopoff (UCLA) and K.K. Nakanishi (LLNL); "Investigations into the Seismic Structure and Seismic Wave Propagation in the Northern Basin and Range" J.S. McClain (UCD) et al; "Assessment of the ¹⁰Be/ ³⁶Cl Method for Dating Polar Ice Sheets" J. Arnold (UCSD), K. Nishiizumi (UCSD) and R.C. Finkel (LLNL); "Isotopic and Geochemical Study of Metasomatized Xenoliths from Kimberlites" J.C. Crowley (UCD) et al; "PB Isotope Geochemistry of Rio Grande Rift Basalts" J.C. Crowley (UCD), S. Niemeyer (LLNL) and H.F. Shaw (LLNL); "Rb-Sr and Sm-Nd Isotopic Relationships Between the Plutonic and Sheeted Dike Complexes, Troodos Ophiolite, Cyprus" J.C. Crowley (UCD) and S. Niemeyer (LLNL); "Stable Isotope Ratios of Reactive Metals in Sea Water" A.R. Flegal (UCSC); "Isotopic Characterization of Possible Source Regions of Cenozoic Volcanic Rocks, Northwestern Mexico" K.L. Cameron (UCSC) and S. Niemeyer (LLNL); "Isotopic and Geochemical Study of Metasomatized Xenoliths from Kimberlites" J.C. Crowley (UCD) et al; "Non-destructive gamma ray analysis of uranium series nuclides in volcanic rocks" J.D. MacDougall (UCSD); "Application of laser probe noble gas and ion probe mass spectrometry to some outstanding problems in geology" J.H. Reynolds (UCB) and W. Glassley (LLNL); "IGPP UCSD-LLNL Collaborative Study of Seismic Data Telemetry Via Satellite Using Spread Spectrum Technology" J. Berger (UCSD) and J.F. Scheimer (LLNL); "An SIO/IGPP, LLNL/IGPP Digital Data Exchange Experiment" J.A. Orcutt (UCSD) et al; "Trace Element and Isotope Geochemistry of Cretaceous/Tertiary Boundary Sediments: Identification of Extra-Terrestrial and Volcanic Components" S.V. Margolis (UCD) and G.P. Russ III (LLNL); "Calculations of Neutron Induced Gamma Ray Emission From Lunar and Martian Surfaces" R.E. Lingenfelter (UCSD), E.H. Canfield (LLNL) and E.F. Plechaty (LLNL); "Computer Study of the Turbulent Mixing of Scalars" C.H. Gibson (UCSD); "The Role of Radiation in the Formation and Driving of Quasar Emission Line Clouds" S.P. Owocki (UCSD) and J.I. Castor (LLNL); "The Use of the MACSYMA ITENSr Package in Quantum Gravity and Cosmology" J.B. Hartle (UCSB) and B.K. Berger (LLNL); "Evolution of Low-Mass Stars, Sub-Stellar Objects and Giant Planets: P. Bodenheimer (UCSC) et al; "The Effect of Dislocations Upon the Electrical Conductivity of Olivine During Annealing" C. Wang (UCB); "Comparison of Methods for the Study of Previrialization of Clusters of Galaxies" J.G. Jernigan (UCB); "Laboratory Astrophysics with Laser Plasmas" S.M. Khan (UCB); "Spatio-Temporal Variations in Coda Q Before the 31 March 1986, Fremont, California Earthquake" K.C. McNally (UCSC); "Simultaneous Hypocenter-Structure Inversions" W. Prothero (UCSB), J. Scheimer (LLNL) and J. Zucca (LLNL); "Dynamic High Pressure Processing and Synthesis of Novel Materials" M.B. Maple (UCSD) and W.J. Nellis (LLNL); "Experimental and Computational Implications of Non-linear Constitutive Relations for Magmas" F.J. Spera (UCSB); "Study of Ion Acceleration Due to Electromagnetic Low Frequency Waves" F.S. Mozer (UCB); "Synthetic Chemistry at High Pressure" W.G. Dauben (UCB); "Investigation Into Seismic Wave Propagation and Seismic Structure in the Northern Basin and Range" J. Brune (UCSD) and K. Priestley (UCSD); "Estimating Earthquake Magnitude from the Initial Waveform" T.V. McEvilly (UCB); "Pressure-Density Relations for Ceramic Powders" M.M. Carroll (UCB) and H.C. Weed

Box 3, Folder 12

IGPP-LLNL research proposals. 1987-1988.

Scope and Content

Includes the following proposals: "Design of System to Extend Measurement of Elastic Constants up to 2000k" O. Anderson (UCLA); "Extinction Properties of Fractal Dust Grains" E.L. Wright (UCLA); "Phase diagram of olivine at pressure up to 40 GPa and temperature between 77K and 430 K" T.H. Lin (UCLA) et al; "Collaborative Analysis of Gamma Ray Burst Energy Spectra" K.C. Hurley (UCB); "Melting of Simple Solids at High Pressures" B.Baer (UCLA) et al; "Development of High Spatial Resolution Detectors for Hard X-Ray Imaging in Astronomy" S.M Kahn (UCB) and C.J. Hailey (LLNL); "The Development of an Automated Fiber-Optic Coupler for Mult-Object Spectroscopy" J.P. Brodie (UCB) and C.J. Hailey (LLNL); and "Trace Element and Isotope Geochemistry of Cretaceous/Tertiary Boundary Sediments: Identification of Extra-Terrestrial and Volcanic Components" S.V. Margolis (UCD) and G.P. Russ III (LLNL).

Scope and Content

Includes the following proposals: "Teleseismic Studies in Long Valley Caldera" W.A. Prothero (UCSB); "Seismic Studies in Eastern Kazakhstan: Large Chemical Explosions" J. Berger (UCSD); "Plasma Astrophysics" J. Arons (UCB) et al; "Numerical Tests of a Theory for the Stability of Free-Convection Boundary-Layers with Strongly Temperature-Dependent Viscosity" S. Morris (UCB); ; "Dynamic Response of Fully and Partially Fluid-Saturated Rocks: Theoretical Investigations" W. Goldmith (UCB) et al; ; "Dynamic Response of Fully and Partially Fluid-Saturated Rocks: Experimental Investigations" W. Goldmith (UCB) et al; "Laser Microprobe Studies of Noble Gases in Irradiated and Unirradiated Fluid Inclusions" J.H. Reynolds (UCB); "Isotopic Analysis of Microscopic Domains in Garnet Prophyroblasts from Sri Lanka" J.H. Reynolds (UCB); J.H. Reynolds (UCB); "The Interface of Astrophysics and Particle Physics" J.I. Silk (UCB);); "Numerical Model of Emission Line Cloud-Hot Intercloud Medium Interface in QSOs and Seyfert Galaxies" R.C. Puetter (UCSD);); "Astrophysical Studies of CNO Isotopes" M. Jura (UCLA); "Probing a Beast: A Multiwavelength Study of the Continuum in Active Galactic Nuclei" M.A. Malkan (UCLA); "Predicating Scale Formation Using Dynamic Geochemical Modeling" J.R. Boles (UCSB); "Crustal Genesis and Recycling in Northwestern Mexico: A Comparative Isotopic Study of Granulite-facies, Lower-crustal Xenoliths and Silicic Volcanic Rocks" K.L. Cameron (UCSC); "The Sr, Nd, and Pb Isotopic Composition of the Upper Mantle Underlying Northern Mexico: An Examination of Mantle Heterogeneity and Mantle Processes" G.J. Nimz (UCSC); "Stable Isotope Ratios of Reactive Metals in Sea Water" A.R. Flegal (UCSC); "Non-destructive gamma ray analysis of uranium series nuclides in volcanic rocks" J.D. MacDougall (UCSD); "Type 1 Supernova Spectra" S.E. Woosley (UCSC); "Array Analysis of Seismic Signals" R.J. Archuleta (UCSB); "Studies of the Core-Mantle Transition Zone" L.R. Johnson; "Statistical Mechanics of Strongly Interacting Systems in Astrophysics" S.A. Muszkowski (UCLA); "A Study of the Depth Dependence of Attenuation in the Crust in the Basin and Range" S. Hough (UCSD); "Mass Transport and the Formation of Tungsten Skarns, Oak Springs District, Nevada Test Site" M.D. Barton (UCLA); "Gravity Flow of Granular Solids: A Comparison of Experimental Measurements and Discrete-particle Calculations" R.L. Shreve (UCLA); "Crustal Structure Under Mt. Hamilton from a Detailed Analysis of Broadband Teleseismic P-Waveforms" R.A. Uhrhammer (UCB); "Statistical Mechanics and Phase Equilibria of Ionic and Geophysical Systems at High Pressure" M. Bukowski (UCB); "Germanium and REE in the Back-Arc Hydrothermal Solutions and Their Occurrence in Related Sulfide Deposits" M. Kastner (UCSD); "Crustal Fault Zone Study with the Lawrence Livermore Seismic Network" J. Vidale (UCSC); "A Study of the 1986 Mt. Lewis Earthquake Sequence and Prior Activity (1980-1986) Using LLSN Digital Data" K. McNelly (UCSC); "Transition-Metal Oxides and Silicates at Ultrahigh Pressures" R. Jeanloz (UCB); "Emission Spectra from Simple Shocked Solids" M.F. Nicol (UCLA) and W.J. Nellis (LLNL); "Optical Films prepared by Spin Coating of Colloidal Oxide Suspensions" B.G. Higgins (UCD); "Studies of the Electrical Conductivity of Upper Mantle Rocks in the Temperature Range 100°C to 600°C" S. Constable (UCSD); "Age and Composition of Tektites: Comparison of Australian and Southern Asian Tektites" J.T. Wasson (UCLA); "Inyo Domes Geophysics" D.D. Jackson (UCLA); "Dynamic High Pressure Synthesis of High-T c Superconductors and Ferromagnets" M.B. Maple (UCSD); "A Western Cordilleran Teleseismic Transect" P.M. Davis (UCLA); "Analysis of Solid Inclusions in Diamonds by Micro-Infrared Spectroscopy" H.W. Green (UCD); "Determination of the Rate-controlling Mechanism(s) for High Temperature Creep by use of High Pressure as a Variable" H.W. Green (UCD); "Comparison of Methods for the Study of Previrialization of Clusters of Galaxies" J.G. Jernigan (UCB); "Three-Dimensional Imaging of the Lower Crust and Mantle Beneath the Sierra Nevada Mountains by Teleseismic Tomography" S. Biehler (UCR); "Computer Modeling of the Thermal Regime of the Pacific Northwest" K.L. Verosub (UCD); and "Mapping the Temporal Changes in S-Wave Q Using Lawrence Livermore Seismic Network Data" R.S. Wu (UCSC).

Box 4,
Folders 6-11

LLNL research proposals. 1988-1989.

Scope and Content

Includes the following proposals: "Determination of the Rate-controlling Mechanism(s) for High Temperature Creep by use of High Pressure as a Variable" H.W. Green (UCD); "Comparison of Methods for the Study of Previrialization of Clusters of Galaxies" J.G. Jernigan (UCB); "Three-Dimensional Imaging of the Lower Crust and Mantle Beneath the Sierra Nevada Mountains by Teleseismic Tomography" S. Biehler (UCR); "Computer Modeling of the Thermal Regime of the Pacific Northwest" K.L. Verosub (UCD); and "Mapping the Temporal Changes in S-Wave Q Using Lawrence Livermore Seismic Network Data" R.S. Wu (UCSC); "Rare-Earth Elements as Geochemical Indicators of Marine Depositional Environment" D.L. Jones (UCB); "Grid Generation for Mesoscale Models" M.G. Wurtele (UCLA); "Measurement of the Pressure Dependence of the Specific Heat Heavy Fermion Compounds" N.E. Phillips (UCB); "A Survey of the Galactic Plane at 327 and 1400 MHz" R. Becker (UCD); "Plasma Astrophysics" J. Arons (UCB); "Insulator to Metal Transitions and Electrical Properties of Matters Under Megabars of Pressure". P.Y. Yu (UCB); "Melting and other Phase Transitions of Simple Solids at High Pressure" M. Nicol (UCLA); "Modeling and Laboratory Investigations of Cloud Scavenging Processes" V.P. Carey (UCB); "A High Throughput Soft X-Ray Reflection Grating Spectrometer for the X-Ray Multi-Mirror Observatory" S. Khan (UCB); "White Dwarfs as a Probe of the Galactic Halo" J. Silk (UCB); "Numerical Studies of Broad Line Cloud Stability" R. Puetter (UCSD); "Applications of Earth Science Problems Using the New Accelerator Mass Spectrometer at LLNL" K. Nishiizumi (UCSD); "Collaborative Analysis of Gamma Ray Burst Energy Spectra" K.C. Hurley (UCB); "Seismic Source Discrimination in Kazakhstan, USSR, and Nevada, USA" J. Berger (UCSD); "Shock of Preheated and Precooled Quartz" J.M. Christie (UCLA); "Dynamic High Pressure Synthesis of High Temperature Superconductors" M.B. Maple (UCSD); "Particle Methods for Geochemical Transport Applications" D. Dougherty (UCI); "Structure and Thermodynamics of Liquids near Triple Points" M. Bukowinski (UCB); "Flux of Combustible Elemental Carbon (Soot) Into Oceanic Regimes via Aerosols" M.I. Venkatesan (UCLE); "3-D Imaging of the Lower Lithosphere and Mantle Beneath the Sierra Nevada Mountains by Teleseismic Tomography" S. Park (UCR); "High Energy Astrophysics" S. Woosley (UCSC); "Tenth Santa Cruz Summer Workshop in Astronomy and Astrophysics on Supernovae" S. Woosley (UCSC); "Computer Simulations of Wave-Particle Interactions in a Solar type III Radio Burst" C.W. Carlson (UCB); "Experimental Rheology of 2-Phase (Melt plus Vapor) Rhyolitic Magmas" F. Spera (UCSB); "Re-Os Dating of the Precambrian-Cambrian Boundary Using ICP-MS" J.T. Wasson (UCLA); "Os Isotopic Investigation of Early Archean Ultramafic Suites in the Labradore Segment of the North Atlantic Craton: Implication for Early Crust-Mantle Differentiation" K. Collerson (UCSC); "A Pb-Isotopic Study of Peridotite Xenoliths from Central Chihuahua Mexico" K. Cameron (UCSC); "Biochemical Cycles of Lead and Rare Earth Elements in Aqueous Systems" A.R. Flegal (UCSC); "A Hard X-Ray Imaging Telescope" P. Lubin (UCSB); "Geologic Application to Discrete-Particle Models for Granular Materials" R. Shreve (UCLA); "Star Formation Regions at 10 Microns: High Resolution Imaging and Image Processing with the Berkeley Array Camera" J.F. Arens (UCB); "Trace Element and REE Geochemistry of the Sheeted Dike Complex of the Troodos Ophiolite: Implication for Magma Genesis and Tectonic Setting" E.M. Moores (UCD); "Structure and Tectonics of the Mendocino Triple Junction" J. Vidale (UCSC); "Teleseismic Converted Wave Studies in Long Valley Calderas" W. Prothero (UCSB); "Broadband Waveform Analysis of the Rupture Processes of Large Earthquakes Along the Kermadec Subduction Zone" H. Houston (UCSC); "A Study of the 1986 Mt. Lewis Earthquake Sequence and Prior Activity (1980-1986) Using LLSN Digital Data" K. McNelly (UCSC); "Analysis of Solid Inclusions in Diamonds by Micro-Infrared Spectroscopy" H.W. Green (UCD); and); "Design of System to Extend Measurement of Elastic Constants up to 2000k" O. Anderson (UCLA).

Box 4, Folder 12
Box 4, Folder 13
Box 4, Folder 14

Research proposal - L. Bargatze travel and living expenses. 1980-1981.

Research proposal - B.L. Barraclough graduate research fellowship. 1981.

Research proposal - "Plastic Deformation of Quartz Single Crystals" J.D. Blacic (LANL) and J.M. Christie (UCLA). 1981.

Box 4, Folder 15	Research proposal - "An Experimental Study of Atmosphere-Ionosphere Coupling; Project Millrace" P.J. Coleman Jr. (UCLA) and D.J. Simons (LANL). 1981.
Box 4, Folder 16	Research proposal - "Petrogenesis of the Polvadera Group, Jemez Mountains, New Mexico" I.D. MacGregor (UCD). 1981.
Box 4, Folder 17	Research proposal - J.N. Gardner graduate research fellowship (denied). 1981.
Box 4, Folder 18	Research proposal - "Theoretical Study of Soliton Evolution as an Auroral Particle Acceleration Mechanism" M.K. Hudson (UCB) and S.P. Gary (LANL). 1981.
Box 4, Folder 19	Research proposal - "Group Interests and Ground-Water Management in the Southwest" D.E. Mann (LANL). 1981.
Box 4, Folder 20	Research proposal - F.V. Perry graduate research fellowship (denied). 1981.
Box 4, Folder 21	Research proposal - J.S. Saltzman fellowship funding. 1981.
Box 4, Folder 22	Research proposal - "Improved Monte Carlo Simulations used to Calculate the Thermodynamic Properties of Iron at Pressures in the Earth's Core" R.S. Abelson (UCLA). 1981-1982.
Box 4, Folder 23	Research proposal - "Numerical Simulation of Flow in the Earth's Mantle" J.R. Baumgardner (UCLA). 1981-1982.
Box 4, Folder 24	Research proposal - R. Berger (UCLA) project query/travel funding. 1981-1982.
Box 5, Folder 1	Research proposal - "Structures of Silicate Liquids at High Pressures" A. Boettcher (UCLA). 1981-1982.
Box 5, Folder 2	Research proposal - "Petrogenesis of the Polvadera Group, Jemez Mountains, New Mexico" I.D. MacGregor (UCD). 1981-1982.
Box 5, Folder 3	Research proposal - "Investigation of Radio Waves Interactions with the Ionosphere" A. Wong (UCLA). 1981-1982.
Box 5, Folder 4	Research proposal - "High Pressure - High Temperature Properties of Alkali Metals" R. Boehler (UCLA). 1981-1983.
Box 5, Folder 5	Research proposal - "The Spatial Structure and Directivity of Hard X-Ray Sources in Solar Flares" K.A. Anderson (UCB) and R.W. Klebesadel (LANL). 1982.
Box 5, Folder 6	Research proposal - "Condensation Processes in the Early Solar System" J.R. Arnold (Scripps) et al. 1982.
Box 5, Folder 7	Research proposal - "Laboratory Study of the Dynamic Reconnection in the Magnetosphere" P.J. Baum (Riverside (UCR)). 1982.
Box 5, Folder 8	Research proposal - "Reprocessing of X-Ray and Y-Ray Bursts" R. London (LLNL) and L. Cominsky (Space Sciences Laboratory). 1982.
Box 5, Folder 9	Research proposal - "Proposal for the Study of Dike Rocks Which Have Intruded Sedimentary Rocks in the Geothermal Systems of the Salton Trough" W.A. Elders (UCR). 1982.
Box 5, Folder 10	Research proposal - "Study of Electrostatic Instabilities Due to Shear in $E \times B$ Flow" M.K. Hudson (UCB). 1982.
Box 5, Folder 11	Research proposal - "Sandstone Petrofacies, Basin Analysis and Tectonic Evolution During the Cenozoic In North-Central New Mexico" R.V. Ingersoll (UCLA). 1982.
Box 5, Folder 12	Research proposal - "A Study of Energy Flow in Low-Frequency Wave-Particle Interactions" M.G. Kivelson (UCLA). 1982.
Box 5, Folder 13	Research proposal - "The Atmospheric Sources and Sinks of Methane" F.S. Rowland (UCI). 1982.
Box 5, Folder 14	Research proposal - "Magnetic Structure of the Boundary Layer of Earth's Magnetosphere" C.T. Russell (UCLA). 1982.
Box 5, Folder 15	Research proposal - "Finite Element Geodynamic Modelling" G. Schubert (UCLA). 1982.
Box 5, Folder 16	Research proposal - "Electronic and Fracture Spectroscopy of Inorganics" J.I. Zink (UCLA). 1982.
Box 5, Folder 17	Research proposal - proposals not awarded. 1982.
Box 5, Folder 18	Research proposal - "High Mach Number Collisionless Shock Waves: Relativistic Particle Acceleration and Flow Structure" J. Arons (UCB). 1982-1983.
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Box 5, Folder 30	Research proposal - "Two Dimensional Hydrodynamic Effects in the Late Stages of Close Binary Evolution" R.E. Taam (UCSC). 1982-1983.
Box 5, Folder 31	Research proposal - "Two Dimensional Hydrodynamical Evolution of Very Massive Rotating Stars with Explosive Oxygen Burning" G.S. Stringfellow (UCSC). 1982-1983. <div style="margin-left: 40px;">Scope and Contents note Also includes "Late Stages of Stellar Evolution" S.E. Woosley (UCSC).</div>
Box 5, Folder 32	Research proposal - "High Pressure - High Temperature Deformation Properties of Minerals" H. Wenk (UCB). 1982-1983.
Box 5, Folder 33	Research proposal - "Structure of Collisionless Shock Waves at Very High Mach Number/Accretion onto Polar Caps of Magnetized Neutron Stars" and (includes A. Zachary funding) J. Arons (UCB). 1982-1983.
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Box 5, Folder 35	Research proposal - "Synthetic Seismograms in Layered Media" A.K. Mal (UCLA). 1982-1986.
Box 5, Folder 36	Research proposal - "Development of 3-D Electromagnetic Modeling Codes for the Interpretation of Geophysical Electromagnetic Data" G.D. Dease (LLNL), E.M. Didwall (LLNL), and H.F. Morrison (UCB). 1983.
Box 5, Folder 37	Research proposal - "A Study of Auroral Double Layer Evolution and Particle Acceleration" M.K. Hudson (UCB) (with A. Friedman, LLNL). 1983.
Box 5, Folder 38	Research proposal - "Synthetic Seismograms in Layered Media" "A.K. Mal (UCLA) and R.C. Chin (LLNL). 1983.
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Box 5, Folder 47	Research proposal - "Maars and Cinder Cones, Rio Grande Valley, New Mexico: Hydrologic Indexing" R.V. Fisher (UCSB). 1984.

Box 5, Folder 48	Research proposal - "Application of the Advance Prediction Computer Program to Neutron Activation Analysis in the Geosciences" V.P. Guinn (UCI). 1984.
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Box 5, Folder 57	Research proposal - "A Compositional-Petrographic Search for Exotic Lunar Regolith Materials, Utilizing Unstudied Apollo Samples" J.T. Wasson (UCLA). 1984.
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Administrative, subject, and publication files. 1959-1989.

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