Recipients of the Nininger Meteorite Award

         Craig M. Merrihue – University of California - Berkeley “Meteoritic Xenon and the Origin of the Meteorite”
         Michael Fernandez – Beloit College “Locating Meteorite Falls from Micro-meteorites in Soil Samples”

1962-63  Michael Duke – California Institute of Technology “Petrology of the Basaltic Achondrite Meteorites”
         James L. Setser – University Kentucky “Determination of the Abundance of Zirconium and Hafnium in Meteorites, Tektites and Terrestrial Materials”

1963-64  Marvin W. Rowe – University Arkansas “Gamma Radioactivity and Rare Gases in Meteorites and Terrestrial Materials”
         Ned Read – Carleton College “The Determination of the Orientation of the Cut-Plane through an Iron Meteorite Relative to its Crystal Structure”

1964-65  William K. Hartmann – University Arizona “Terrestrial and Lunar Flux of Large Meteorites through the Solar System History”
         Joseph Goldstein - Massachusetts Institute of Technology “The Growth of the Widmanstatten Pattern in Metallic Meteorites”

Marvin W. Rowe – University of California - Berkeley “Xenomalies”

Billy P. Glass – Lamont Geological Observatory (Columbia University) “Microtektites and the Origin of the Australasian Tektite Strewn Field”

Donald P. Elston – University of Arizona “Accretion of the Murray Carbonaceous Chondrite and Implications Regarding Chondrule and Chondrite Formation”

Jeffrey Taylor – Rice University “On the Thermal History of Chondrites”

Benjamin N. Powell – Lamont Geological Observatory (Columbia University) “Petrology and Chemistry of Mesosiderites”

Patrick Freeman – Monmouth College “Versailles Cryptoexplosive Structure”


Paul A. Mueller – Rice University “A Study of FeII Disorder in Chondritic Orthopyroxenes using the Mössbauer Effect”

Christine A. Jones – Radcliffe College “Tritium Measurements in Recently Fallen Meteorites and in Apollo 12 Lunar Samples”

1970-71  Chen-Lin Chou – University of Pittsburgh “Gallium and Germanium in the Metal and Silicate Phases of L-And LL-Chondrites; Implications for the Thermal History of the Chondrites”

1971-72  J. Marvin Herdon – Texas A & M University “Magnetic Paleothermometry of Carbonaceous Chondrites and Evidence for a Magnetic Field Prior to Meteorite Formation”

1972-73  J. Marvin Herdon – Texas A & M University “The Occurrence, Origin and Significance of Magnetite in Carbonaceous Meteorites”

William R. Kelly – Arizona State University “The Chemical Composition of Metallic Spheroids and Metallic Particles Within Impactite From Barringer Meteorite Crater, Arizona”

John L. Remo – Polytechnic Institute of Brooklyn “A New Interpretation of the Mechanical Properties of the Gibeon Meteorite”


R. Dee Sherrill – University of Arkansas “An Alternate Approach to the Concept of Carbonaceous Chondrite Fission”

1974-75  Kathleen Mark – University of New Mexico “Craters – A Brief History of Their Recognition”

Paul P. Sipiera – Northeastern Illinois University “Devitrification Studies on Chemical
Compositions Corresponding to Ca-Al-Rich Inclusions in the Allende Meteorite

1975-76 Lisa M. Albright – Massachusetts Institute of Technology “On the Nature of the Natural Remnant Magnetism (NRM) of Iron Meteorites”

Stanley M. Cisowski – University of Pittsburgh “The Effect of Shock on the Remnant Magnetism of Rocks from the Lonar Crater, India”

1976-77 Harry Y. McSween, Jr – Harvard University “The Chemical Composition of Chondrules and Inclusions in Carbonaceous Chondrites”

Edward Stolper – Harvard University “Experimental Petrology and the Origin of Eucritic Meteorites”

1977-78 Horton E. Newson – University of Arizona “Primitive Metal Condensates from the Solar Nebula, a clue from the Bencubbin Meteorite”

Lindy Leung – Wellesley College “In Search of Ancient Magnetic Field Traces in H-chondrites”


M. Bruce Fegley, Jr – Massachusetts Institute of Technology “Chondrite Mineralogy and Equilibrium Chemistry of the Alkalis, Halogens, and Phosphorus in the Primitive Solar Nebula”

1979-80 Alan E. Rubin – University of New Mexico “Derivation of a Heterogeneous Poikilitic Lithic Fragment in the
Bovedy L3 Chondrite from Impact-Melted Porphyritic Chondrules

Steven B. Simon – University of Massachusetts “Petrography, Bulk Chemistry and petrology of Chondrules in the Allende Meteorite”

1980-81 John H. Jones – University of Arizona “The Geochemical Coherence of Pu and ND and the $^{244}$Pu/$^{238}$U Ratio of the Early Solar System”

Leanne Wiberg – Texas Christian University “The Hico Structure: A Possible Impact Structure in North-Central Texas”


Peter T. Wlasuk – Yale University “The Contributions of Hubert A. Newton to Nineteenth-Century Meteoritics”


1983-84 R. Kyle Guimon – University of Arkansas “Thermoluminescence and Metamorphism in Type 3 Ordinary Chondrules”

1984-85 Bradley D. Keck – University of Arkansas “Thermoluminescence and Metamorphism in the CO
Chondrites”

1985-86 David Lusby – University of New Mexico “Ubiquitous High-FeO Silicates in the Enstatite Chondrites: Implications for the Chondrule Forming Process”


1987-88 Lindsay P. Keller – Arizona State University “Calcic Micas in the Allende CV3 Chondrite: Implications for the Alteration of Ca- and Al-Rich Inclusions”


1989-90 Timothy James McCoy – University of New Mexico “Metamorphism, Brecciation and Parent Body Structures of LL- Group Chondrites”

Tian Xie – Purdue University “Meteorites Identification and Pairing Recognition Expert System (MIPRES)”
1990-91  Xiaoyue Xiao – Purdue University “Study on Formation Processes of Carbonaceous Chondrites – A Continuous Distribution of Highly Volatile Trace Elements”

1991-92  Stephen F. Wolf – Purdue University “Evidence for a H Chondrite Meteoroid Stream”

1992-93  Don D. Eisenhour – Arizona State University “Were Chondrules Formed by Light?”

1993-94  Edward S. Michlovich - Purdue University “Temporal Variation of H Chondrite Sources”

1995-96  Dante Lauretta – Washington University, St. Louis “Experimental Studies of the History Sulfide Minerals from the Solar Nebula to Meteorite Parent Bodies”

1997-98  Thomas Burbine – Massachusetts Institute of Technology “Spectroscopy of Vestoids”

2002-03  Jon M. Friedrich – Purdue University “Chemical Studies of L Chondrites”

2005-06  Lan-Anh Nguyen – Washington University, St. Louis “Characterization of presolar silicate grains in the Acfer 094 and ALHA77307 carbonaceous chondrites by multi-detection raster ion imaging in the NanoSIMS”

2006-07  Nicolas Ouellette – Arizona State University “Injection of supernova dust into the protoplanetary disk”

2007-08  Mary Sue Bell – University of Houston “Experimental shock decomposition of siderite and the origin of magnetite in Martian meteorite ALH84001”

Anat Shahar – UCLA “Astrophysics of CAI formation
as revealed by silicon isotope LA-MC- ICPMS of an igneous CAI”

2008-09  Nicholas Moskovitz – University of Hawai’i “The Distribution of Basaltic Asteroids in the Main Belt”

2009-10  Gregory Brennecka – Arizona State University “$^{238}$U/$^{235}$U Variations in Meteorites: Extant $^{247}$Cm and Implications for Pb- Pb dating”

Honorable Mention: Niina Jamsja – Portland State University Unusual Igneous Textures and Pentlandite in a Meteorite of LL- Chondrite Parentage, NWA 4859”

2010-11  Andrew Beck – University of Tennessee “Diogenites as polymict breccias composed of orthopyroxenite and harzburgite”

Honorable Mention: Eve L. Berger – University of Arizona “Evidence for aqueous activity on comet 81P/Wild 2 from sulfide mineral assemblages in Stardust samples and CI chondrites”

2011-12  David Baker – Brown University “The transition from complex craters to multi-ring basins on the Moon: Quantitative geometric properties from Lunar Reconnaissance Orbiter Laser Altimeter (LOLA) data”

Honorable Mention: Devin Schrader – University of Arizona “The Formation and Alteration of the Renazzo-like Carbonaceous Chondrites II: Linking O-isotope Composition and Oxidation State of Chondrule Olivine”

Honorable Mention: Matthew Wielicki – University of
California Los Angeles “Geochemical Signatures and Magmatic Stability of Terrestrial Impact Produced Zircon”

2012-13 Brandon Johnson – Purdue University “Impact spherules as a record of an ancient heavy bombardment of Earth”