

ALPHABETICAL LISTING OF THESES AND DISSERTATIONS

ON NORTH CAROLINA GEOLOGY

OPEN FILE REPORT 90-2

Compiled by Robert O. Walton III



Geological Survey Section

Division of Land Resources

Department of Environment, Health, and Natural Resources

James G. Martin, Governor

William W. Cobey, Jr., Secretary

1990

GEOLOGICAL SURVEY SECTION

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Jeffrey C. Reid
Chief Geologist

**ALPHABETICAL LISTING OF THESES AND DISSERTATIONS
ON
NORTH CAROLINA GEOLOGY
AS OF JANUARY, 1990
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NORTH CAROLINA GEOLOGICAL SURVEY**

Introduction

The Alphabetical listing of Theses and Dissertations on North Carolina Geology is a update of:

NCGS open file 77-1, Burt, E.R. III, 1977, *Alphabetical Listing of Theses and Dissertations on North Carolina Geology* and NCGS open file 77-1 (Revised in 1980).

Additional information was obtained from:

- 1) Dissertation abstracts on-line by Dialog Information Services (800-521-3042)
- 2) Thesis and Dissertation lists from selected Universities

Copies of theses and dissertations may be obtained from University Microfilms International (800-521-3042) or from the issuing university. The North Carolina Geological Survey maintains a reference collection of selected theses and dissertations on Piedmont and Mountain geology at its 5th Floor office in the Archdale Building on North Salisbury street, Raleigh (919) 733-2423. A reference collection of selected Coastal Plain theses and dissertations is maintained at the North Carolina Geological Survey Coastal Plain office on Reedy Creek Road in west Raleigh (919) 733-7353. Select theses and dissertations on geology in the western part of the state is maintained at the North Carolina Geological Survey Asheville Office (704) 251-6208. The North Carolina Geological Survey does not make copies of these holdings.

The titles of the citations in this listing may vary slightly from the original title, because of space limitation in the data fields. Most changes are in the abbreviation of words such as NC for North Carolina, etc.

Please send any corrections, additions, or omissions to this open-file report to Chief Geologist, Geological Survey Section, P.O. Box 27687, Raleigh, N.C. 27611-7687, or phone (919) 733-2423.

| LAST | FIRST | TITLE | DATE | UNIVERSITY | DEG |
|-------------|------------|--|------|-----------------------|-----|
| Abdelzahir, | M. A. | The geology of the Carolina slate belt, northern Moore County, North Carolina | 1978 | North Carolina State | M |
| Absher, | B. S. | Petrogenesis of granulite facies rocks at Winding Stair Gap, North Carolina Blue Ridge | 1984 | Tennessee (Knoxville) | M |
| Achaibar, | Jaikisan | A petrologic and geochemical study of some amphibibolite bodies in the Smith River Allochthon, Virginia | 1983 | Tennessee (Knoxville) | M |
| Akers, | W. H. | Planktonic foraminifera and biostratigraphy of some Neogene Formations northern Florida and Atlantic Coastal Plain | 1971 | Tulane | D |
| Alcom, | S. R. | Serpentinization of the Holcombe Branch dunite, North Carolina | 1975 | South Carolina | M |
| Allen, | D. W. | Clay minerals of Tar-Pamlico River sediments | 1965 | UNC Chapel Hill | M |
| Allen, | G. C. | Chemical and mineralogic variations during prograde metamorphism in the Great Smoky Mountains of NC-Tenn | 1968 | UNC Chapel Hill | D |
| Allen, | R. T. | The Triassic rocks of the Wadesboro area | 1908 | UNC Chapel Hill | M |
| Allison, | M. A. | Mineralogy and sedimentation of the clay-sized fraction, Pungo River Formation, North Carolina continental margin | 1988 | East Carolina | M |
| Amick, | H. C. | Geology of Booker Creek quadrangle | 1923 | UNC Chapel Hill | M |
| Anderson, | F. E. | Changes in textural and compositional properties of a beach sediment near the mouth of the Cape Fear River, NC | 1962 | Northwestern | M |
| Anderson, | G. D. | Distribution of copper and zinc in ground water in a selected area of known mineralization, Cabarrus and Stanly counties, NC | 1972 | UNC Chapel Hill | M |
| Anderson, | M. B. | The hydrology of the Neuse waste water treatment site | 1975 | North Carolina State | M |
| Arbogast, | J. S. | Fluvial deposition of Triassic Red Beds, Durham basin, North Carolina | 1976 | Duke | M |
| Astwood, | P. M. | A petrofabric study of two alpine-type ultramafic bodies | 1970 | South Carolina | M |
| Atik, | E. H. | Tectonic and geologic relationships of various mineral deposits in eastern North America | 1951 | Tennessee (Knoxville) | M |
| Auch, | T. W. | Paleoecology interpretation of a late Pleistocene marine fossil bed in eastern North Carolina | 1987 | East Carolina | M |
| Ausburn, | M. P. | Stratigraphy, structure and petrology of the northern half of the Tipton quadrangle, North Carolina | 1983 | Florida State | M |
| Babb, | J. S. | The conglomerates of the Jones-Ford quadrangle | 1921 | UNC Chapel Hill | M |
| Babiker, | H. M., II | Geology of the Clegg Copper Mine and vicinity, Lee and Chatham Counties, North Carolina | 1978 | North Carolina State | M |
| Bailar, | E. F. | Geochemistry and petrogenesis of the Cranberry magnetite deposit, Blue Ridge province, North Carolina | 1984 | UNC Chapel Hill | M |
| Bailey, | R. H. | Paleoenvironments, paleoecology, and stratigraphy of molluscan assemblages from the Yorktown Fm. (Upper Mio-lower Plio.) NC | 1973 | UNC Chapel Hill | D |
| Bailey, | R. H. | Sediment-pelecypod relationships in the Yorktown Formation along the Chowan River, northeastern North Carolina | 1971 | UNC Chapel Hill | M |
| Ballard, | J. A. | The geology of the Merry Oaks section of the Durham Triassic basin of North Carolina | 1959 | UNC Chapel Hill | M |
| Barberio, | S. J. | Sedimentation patterns on the lagoonal side of a barrier island along the North Carolina coast | 1971 | North Carolina State | M |
| Bartfajio, | N. S. | Petrography of Nutbush Creek fault zone, North Carolina-Virginia | 1986 | UNC Chapel Hill | M |
| Barker, | R. E. | An environmental analysis of recent sediments and microfauna of the continental shelf of the southeastern United States | 1958 | Oklahoma | M |
| Bartlett, | C. S., Jr. | Geology of the Southern Pines quadrangle, North Carolina | 1967 | UNC Chapel Hill | M |
| Barton, | Colleen | Paleomagnetic studies of intrusive rocks in the southern Appalachian Piedmont | 1980 | Massachusetts | M |
| Bascle, | R. J. | Pattern correlation and well-log interpretation of eastern North Carolina subsurface geology | 1976 | South Carolina | M |
| Batten, | R. W. | The sediments of the Beaufort Inlet area, North Carolina | 1959 | UNC Chapel Hill | M |
| Baurn, | G. R. | Stratigraphic framework of the Middle Eocene to Lower Miocene Formations of North Carolina | 1977 | UNC Chapel Hill | D |
| Bearce, | D. N. | Geology of the Chulhowee Group and the Ocoee Series in the southwestern Bald Mountains | 1966 | Tennessee (Knoxville) | D |
| Behensky, | J. F., Jr. | Reassessment of the dist. of benthic foraminifera of the shelf and slope of the Atlantic margin and Gulf of Mexico of the U.S. | 1977 | Miami (Florida) | M |

| LAST | FIRST | TITLE | DATE | UNIVERSITY | DEG |
|--------------|------------|--|------|-----------------------|-----|
| Belega, | Paul | Grinding and impact type abrasion of selected molluscan shell microstructures | 1980 | UNC Chapel Hill | M |
| Bellis, | B. J. | Inorganic analysis of polluted groundwater in the Piedmont of North Carolina: a case study | 1985 | North Carolina State | M |
| Bellis, | C. J. | Shoreline changes at Kill Devil Hills and Kitty Hawk, North Carolina | 1985 | North Carolina State | M |
| Bennett, | E. H., II | Sedimentation patterns on the Outer Banks of North Carolina between Nags Head and Ocracoke | 1970 | North Carolina State | M |
| Benson, | P. H., III | A comparison of the clay mineralogy of marsh and adjacent non-marsh environments along the North Carolina coast | 1964 | UNC Chapel Hill | M |
| Benson, | P. H., III | The depositional environment of the Upper Cretaceous Black Creek Formation in North Carolina and South Carolina | 1968 | UNC Chapel Hill | D |
| Benton, | S. B. | Holocene evolution of a nanotidal brackish marsh-protected bay system Roanoke Island, North Carolina | 1980 | East Carolina | M |
| Berger, | P. S. | Extension structures in the Central Appalachians | 1978 | West Virginia | M |
| Bernstein, | H. A. | Modern sediments of White Oak River Estuary, North Carolina | 1977 | UNC Chapel Hill | M |
| Berry, | E. C. | Fracture fabric in the Piedmont and Blue Ridge of North and South Carolina | 1953 | UNC Chapel Hill | D |
| Berryhill, | L. R. | Stratigraphy and Foraminifera of the Standard Oil of New Jersey Hatteras Light Well No. 1 | 1948 | Chapel Hill | M |
| Beyer, | P. J. | Alteration of slate belt xenoliths in a granodioritic stock, Orange County, North Carolina | 1973 | UNC Chapel Hill | D |
| Bingham, | Edgar | Land use, Watauga River basin, North Carolina | 1948 | Tennessee (Knoxville) | M |
| Bird, | S. O. | Upper Tertiary Arcacea of the Mid-Atlantic Coastal Plain | 1962 | UNC Chapel Hill | D |
| Black, | W. W. | The geochronology and geochemistry of the Carolina slate belt of North-Central North Carolina | 1977 | UNC Chapel Hill | D |
| Blackwelder, | B. W. | Morphometry, evol.& phylozones of the molluscan genus Cavilinga (Bivalvia Lucinidae) Pliocene to Holocene of the S. Atl. Coastal Plain | 1972 | George Washington | D |
| Blackwelder, | B. W. | Cluster analysis of the molluscan assemb. from the Duplin (Upper Miocene) & Waccamaw Formation (Lower Pliocene), No. & So. Carolina | 1971 | George Washington | M |
| Blackwelder, | P. L. | Electron microscopy of quartz sand grains from eastern United States and Scotian continental margin | 1970 | Duke | M |
| Blake, | D. E. | The geology of the Grissom area, Franklin, Granville, and Wake Counties, NC: A structural and metamorphic analysis | 1986 | North Carolina State | M |
| Bland, | A. E. | Geochemistry of the Meadow Flats Complex, Orange County, North Carolina | 1972 | UNC Chapel Hill | M |
| Bland, | A. E. | Trace element geochemistry of volcanic seq. of MD, VA, and NC and its bearing on the tectonic evolution of the central Appalachians | 1978 | Kentucky | D |
| Bluhm, | C. T. | Structure of the Frank alpine-type dumite-lherzolitite complex, Avery County, North Carolina | 1976 | Southern Illinois | M |
| Bobyarchick, | A. R. | Tectogenesis of the Hylas zone and eastern Piedmont near Richmond, Virginia | 1976 | VPI | M |
| Bobyarchuck, | A. R. | Struct. of the Brevard zone and Blue Ridge near Lenoir, NC, observ. on oblique crenulation cleavage, irrotational struct. in shear | 1983 | Albany | D |
| Bohanan, | E. R., Jr. | Petro. analysis of sev. soapstone artifacts from TN and soapstone dep. in NC & SC in an attempt to deter. the source area of artifacts | 1975 | Tennessee (Knoxville) | M |
| Boicourt, | W. C. | The circulation of water on the continental shelf from the Chesapeake Bay to Cape Hatteras | 1973 | Johns Hopkins | D |
| Boilich, | R. E. | Geophysical and geochemical investigation of diabase from the western portion of the Durham Mesozoic basin, NC | 1986 | North Carolina State | M |
| Boltin, | W. R. | Geology of the Hollister 7 1/2-min. quadrangle, Warren and Halifax Counties, NC: metamorphic transition in the Eastern slate belt | 1985 | North Carolina State | M |
| Bond, | P. A. | A sequence of development for the Henderson augen gneiss and its adjacent cataclastic rocks | 1974 | UNC Chapel Hill | M |
| Bonini, | W. E. | Subsurface geology in the area of the Cape Fear arch as determined by seismic-refraction measurements | 1957 | Wisconsin | D |
| Bourland, | W. C. | Tectogenesis and metamorphism of the Piedmont from Columbia to Westview, along the James River | 1976 | VPI | M |
| Bowerman, | J. N. | Geology and mineral resources of the Pasour Mountain area, Gaston County, North Carolina | 1954 | North Carolina State | M |
| Bowman, | F. O., Jr. | The Carolina slate belt near Albemarle, North Carolina | 1954 | UNC Chapel Hill | D |
| Bowman, | J. T. | Compositional variation of granite in eastern Wake County, North Carolina | 1970 | North Carolina State | M |
| Boyd, | H. W. | Depositional sub-environments and erosion on the Outer Banks at Pea Island, North Carolina | 1971 | North Carolina State | M |

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|-------------|------------|---|------|-----------------------|-----|
| Boyer, | S. E. | Structure and origin of Grandfather Mountain window, North Carolina | 1978 | Johns Hopkins | M |
| Brauer, | C. D. | Genetic mapping and erosional history of the surface sediments of Shackleford Banks, North Carolina | 1974 | Duke | M |
| Brett, | C. E. | Paleoecological and faunal analyses of some fossil assemblages of the Cretaceous Black Creek and Pee Dee Formations | 1961 | UNC Chapel Hill | M |
| Brett, | C. E. | Some sedimentary, hydrographic, and faunal aspects of Bogue Sound, North Carolina, and their paleoecological significance | 1963 | UNC Chapel Hill | D |
| Brewer, | R. C. | Structure and petrography of the basement complexes east of the Hot Springs window, Blue Ridge province, western NC | 1986 | Tennessee (Knoxville) | M |
| Briggs, | D. F. | Petrology of the Roxboro Metagranite, North Carolina | 1974 | VPI | M |
| Bright, | M. J., Jr. | Some metasediments in the Grandfather Mountain fenster | 1956 | UNC Chapel Hill | M |
| Brobst, | D. A. | Geology of the Plumtree area, Spruce Pine district, North Carolina | 1953 | Minnesota | M |
| Brown, | C. Q. | The clay minerals of the Neuse River sediments | 1953 | UNC Chapel Hill | M |
| Brown, | H. S. | Geology of the Ore Knob and Elk Knob copper deposits, North Carolina | 1958 | Illinois | D |
| Brownson, | A. R. | Stratigraphy of the Triassic in eastern North Carolina | 1915 | UNC Chapel Hill | M |
| Bryson, | H. J. | Stratigraphy of Deep River coals | 1924 | UNC Chapel Hill | M |
| Burchfield, | W. W. | The Unaka Mountains of Tennessee and North Carolina | 1941 | Tennessee (Knoxville) | M |
| Burnett, | T. L., Jr. | Petrology of southeastern Piedmont river sands, Georgia, South Carolina, and North Carolina | 1971 | Texas A & M | D |
| Burnette, | J. P., III | Framework, processes, and evolution of the New River Inlet complex | 1977 | North Carolina State | M |
| Burt, | E. R., III | Geology of the northwest eighth of the Troy, North Carolina quadrangle | 1968 | UNC Chapel Hill | M |
| Burton, | D. M. | Petrology of metadiabase intrusions in the White Rock quadrangle, western North Carolina | 1979 | Eastern Kentucky | M |
| Buss, | B. A. | Suspended sediments in continental shelf waters off Cape Hatteras, North Carolina | 1972 | Illinois | M |
| Butt, | W. H. | Igneous rocks of the Jones-Ford quadrangle | 1921 | UNC Chapel Hill | M |
| Byrd, | W. J. | Petrology of the Cambrian Shady Dolomite in North Carolina, northeast Tennessee, and southwest Virginia | 1973 | UNC Chapel Hill | D |
| Byrum, | S. R. | Foraminiferal biostratigraphy and paleoecology of Upper Pleistocene sediments for the Outer Banks of NC | 1978 | East Carolina | M |
| Cabaup, | J. J. | Origin and differentiation of the gabbro in the Concord ring dike, North Carolina Piedmont | 1969 | UNC Chapel Hill | M |
| Cabe, | Suellen | Cretaceous and Cenozoic stratigraphy of the upper and middle Coastal Plain, Harnett County area, North Carolina | 1984 | UNC Chapel Hill | D |
| Cabe, | Suellen | Post-Eocene stratigraphy of the Carhage and southern Pines 7 1/2-min. quadrangles, North Carolina | 1980 | UNC Chapel Hill | M |
| Callahan, | J. E. | Source rock determination on the basis of heavy accessory minerals in the saprolite in Piedmont, NC | 1968 | UNC Chapel Hill | M |
| Campbell, | S. K. | Geology, petrography, and geochemistry of the Lemon Springs pluton and associated rocks, Lee County, North Carolina | 1985 | East Carolina | M |
| Carlisle, | J. T. | A laboratory study of the Beech Granite plagioclase | 1956 | Tennessee (Knoxville) | M |
| Carlson, | T. W. | Opaline clays in the Paleocene of southern North Carolina | 1976 | Minnesota | M |
| Carpenter, | E. D. | Effects of phosphorus mining wastes on microorganisms of the Pamlico River estuary, North Carolina | 1969 | North Carolina State | D |
| Carpenter, | P. A., III | Geology of the Wilton area, Granville County, North Carolina | 1970 | North Carolina State | M |
| Carpenter, | R. H. | A study of the ore minerals in cupriforous pyrrhotite deposits in the southern Appalachians | 1965 | Wisconsin | D |
| Carrilho, | Cid | Geology of the Northeast Burlington quadrangle | 1973 | North Carolina State | M |
| Carter, | B. R. | Comparison of compression characteristics with some physical properties for a residual soil from Wake County, NC | 1967 | North Carolina State | M |
| Carter, | V. P. | Relation of hydrogeo., soils and vegetation on the wetland-to-upland transition zone, Great Dismal Swamp, VA & NC | 1988 | George Washington | D |
| Centini, | B. A. | Structural geology of the Hanging Rock State Park area, North Carolina | 1964 | North Carolina State | M |

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|--------------|------------|---|------|-----------------------|-----|
| Centini, | B. A. | Structural geology of the Hanging Rock area, Stokes County, North Carolina | 1968 | UNC Chapel Hill | D |
| Chalcraft, | R. G. | A petrographic study of Mesozoic dolerites from eastern North America | 1973 | UNC Chapel Hill | D |
| Chang, | Yimaw | Morphological variation of the foraminifera <i>Ammonia beccarii</i> (Linne) from the Atlantic Coast of the United States | 1973 | Kansas | D |
| Charles, | W. C. | The east border of the Durham Triassic basin of North Carolina | 1959 | UNC Chapel Hill | M |
| Chuilli, | A. T. | The geology and stratigraphy of the northeast quarter of White Cross quadrangle, Orange County, North Carolina | 1987 | UNC Chapel Hill | M |
| Clark, | H. B., III | Preliminary seismic reflection studies of the Brevard zone near Rosman, North Carolina | 1974 | VPI | M |
| Clark, | S. R. | Petrology of the Bear Poplar and Barber mafic intrusions, North Carolina | 1980 | Tennessee (Knoxville) | M |
| Clark, | Susan | A plate tectonics model for the southern Appalachians | 1974 | UNC Chapel Hill | D |
| Clarke, | T. G. | Geology of the crystalline rocks in the southern half of the Chapel Hill, North Carolina quadrangle | 1957 | UNC Chapel Hill | M |
| Clarey, | W. C. | Marine geology of Onslow Bay | 1968 | Duke | M |
| Clarey, | W. J. | Genesis and distribution of sand: a profile study from Carolina Piedmont soils to the Hatteras Abyssal Plain | 1972 | South Carolina | D |
| Cleneay, | C. A. | Modern sediments and sedimentary structures of the Bogue Inlet-White Oak estuary area, North Carolina | 1974 | Bowling Green | M |
| Cobb, | M. C. | The origin of corundum associated with dunite in western North Carolina | 1924 | Bryn Mawr | D |
| Cobb, | W. B. | Geology in relation to soil types and fertility in Chapel Hill, North Carolina region | 1913 | UNC Chapel Hill | M |
| Cobb, | W. B. | Comparison of the development of soils from the acid and basic crystalline rocks of Piedmont North Carolina | 1927 | UNC Chapel Hill | D |
| Coble, | J. F. | Geology of the Limestone Cove window, Tennessee and North Carolina | 1976 | East Carolina | M |
| Coblentz, | A. C. | Taxonomy, biostratigraphy, and paleoecology of Upper Cretaceous dinoflagellates of North Carolina | 1985 | Delaware | M |
| Constantino, | S. E. | Geology of the Cleveland gabbro, Rowan County, North Carolina | 1971 | UNC Chapel Hill | M |
| Conte, | J. A. | Geochemistry and tectonic significance of amphibolites within the Precambrian Ashe Formation, northwestern North Carolina | 1986 | Tennessee (Knoxville) | M |
| Cook, | J. T. | Geology of the SE quarter of the Oxford area, Granville and Vance Counties, North Carolina | 1968 | North Carolina State | M |
| Cooley, | T. W., Jr. | Post-Cretaceous stratigraphy of the central Sandhills Region, North and South Carolina | 1970 | UNC Chapel Hill | D |
| Copeland, | C. W., Jr. | Eocene and Miocene foraminifera from two localities in Duplin County, North Carolina | 1961 | UNC Chapel Hill | M |
| Copeland, | R. E. | The geology of the northern portion of the Wadesboro Triassic basin, North Carolina | 1974 | Florida | M |
| Corbit, | C. L. | Petrography and geochemistry of the metasedimentary/metavolcanic host rocks & asso. gold deposits at Portis gold mine, Franklin Co., NC | 1987 | East Carolina | M |
| Corvinus, | D. A. | Micropetrographic characteristics of peats from modern coal-forming env. in Okfenokee Swamp, GA and Albermarle-Pam. Swamps NC | 1982 | South Carolina | D |
| Council, | R. J. | Mineralogy and particle attributes of Neuse River (North Carolina) sands | 1956 | UNC Chapel Hill | M |
| Courtney, | P. S. | Geology of the Culberson quadrangle, Georgia-North Carolina | 1979 | Georgia | M |
| Craig, | R. M. | Morphology & genesis of soils formed in var. parent materials on degradational side-slope landforms, upper Coastal Plain, NC | 1963 | North Carolina State | M |
| Crissman, | S. C. | Neuse River flood plain development, Johnston and Wayne Counties, North Carolina | 1973 | Duke | M |
| Cronin, | T. P. | Petrogenesis of the Webster-Addie ultramafic body, Jackson County, North Carolina | 1983 | Tennessee (Knoxville) | M |
| Crowson, | R. A. | Nearshore rock exposures and their relationship to modern shelf sedimentation, Onslow Bay, NC | 1980 | East Carolina | M |
| Cunliffe, | J. E. | Petrology of the Cretaceous Pee Dee Formation and Eocene Castle Hayne Limestone in northern New Hanover County, North Carolina | 1968 | UNC Chapel Hill | M |
| Curran, | H. A. | Upper Cretaceous foraminifera and subsurface stratigraphy of the SE North Carolina coastal plain | 1968 | UNC Chapel Hill | D |
| Custer, | E. S., Jr. | Depositional environments of the subsurface Cretaceous deposits of southeastern North Carolina | 1981 | UNC Chapel Hill | D |
| Custer, | E. S., Jr. | Influence of sedimentary processes on grain size distribution curves of bottom sediments in the sounds and estuaries of NC | 1974 | UNC Chapel Hill | M |

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|------------|------------|--|------|-----------------------|-----|
| Custer, | R. L. P. | Paleocurrents of the Triassic Durham basin, North Carolina | 1966 | North Carolina State | M |
| Dabbagh, | A. E. | Geology of the Skyland and Dunsmore Mountain quadrangles, western North Carolina | 1975 | UNC Chapel Hill | D |
| Daniel, | C. C., III | Metamorphism of sheet silicates in response to temperature and pressure gradients | 1974 | UNC Chapel Hill | D |
| Daniels, | P. A., Jr. | Heavy-mineral distribution in the White Oak estuary-Bogue inlet area, North Carolina | 1968 | Bowling Green | M |
| Davis, | H. T. | Notes to accompany map of the Triassic contacts of east Chapel Hill, North Carolina | 1920 | UNC Chapel Hill | M |
| Davis, | M. J. | Geology as related to plant growth, with special reference to the Chapel Hill area | 1916 | UNC Chapel Hill | M |
| Davis, | R. M. | Sedimentary structures in river-estuary transition zones of North Carolina | 1981 | UNC Chapel Hill | M |
| Davis, | T. W. | An analysis of coastal recession models with application to the coast of North Carolina | 1985 | Duke | M |
| Dawson, | R. W. | Ecologic and faunal analyses of the Miocene fossil invertebrate faunas at Grimesland and Magnolia, North Carolina | 1958 | UNC Chapel Hill | M |
| Decker, | Stephen | Geological and geophysical reconnaissance of the Shallow Subbottom in Raleigh Bay, North Carolina | 1986 | Delaware | M |
| Dekimpe, | Nancy | Dune recession on the Outer Banks of North Carolina | 1987 | Virginia | M |
| Delorey, | C. M. | Magnetism and paleomagnetism of silicic dike rocks of early Mesozoic age, northeastern North Carolina Piedmont | 1983 | North Carolina State | M |
| Dickey, | J. B. | Geology of the Barton Creek area, northern Wake County, North Carolina | 1964 | North Carolina State | M |
| Dicuccio, | R. J. | Post-Martinsburg Ordovician stratigraphy, central Appalachian basin | 1980 | UNC Chapel Hill | D |
| Dill, | C. E., Jr. | Formation and distribution of glauconite on the North Carolina continental shelf and slope | 1968 | Duke | M |
| Dineen, | M. J. | Geology of the Triassic "Ellerbe basin" Richmond County, North Carolina | 1983 | North Carolina State | M |
| Dittmar, | E. I. | Environmental interpretation of paleocurrents in the Triassic Durham basin | 1979 | UNC Chapel Hill | M |
| Dobbins, | C. N. | Soil survey of the Chapel Hill Triassic area | 1917 | UNC Chapel Hill | M |
| Dobbins, | D. A. | Sedimentary geochemistry and hydrogeochemistry of the Pamlico River-Pamlico Sound estuary, North Carolina | 1968 | UNC Chapel Hill | D |
| Dobson, | M. L. | Petrography, chemistry, and origin of Fe-Ti oxides in the Concord gabbro-syenite, North Carolina | 1987 | Tennessee (Knoxville) | M |
| Dodge, | W. S. | Flow dir. studies of Mid-Tertiary volcanic rocks, SW New Mexico and early Paleozoic volcanic rocks of the Carolina slate belt, NC | 1979 | North Carolina State | M |
| Dolan, | Robert | Relationships between nearshore processes and beach changes along the Outer Banks of North Carolina | 1965 | Louisiana State | D |
| Dolfi, | R. M. | Geochemical facies analysis and stratigraphic correlation of Miocene phosphorite beds in the Aurora district of North Carolina | 1983 | North Carolina State | M |
| Dominey, | Jerry | Biostratigraphy and foraminiferal paleoecology of Neogene sediments, Edgecombe County, North Carolina | 1980 | Tulane | ? |
| Doughtery, | D. O. | Stratigraphy, structure, and metamorphic history of the northern half of the Blairsville quadrangle, Georgia-North Carolina | 1977 | Georgia | M |
| Dover, | R. A. | Geology and geochemistry of silicified rhyolites on Lick Mountain, Montgomery County, North Carolina | 1985 | UNC Chapel Hill | M |
| Drexler, | W. W. | Wilmington Jacksonian hornerds: important Cyclostome Bryozoans, Upper Eocene Castle Hayne Limestone in southeasternmost NC | 1976 | Pennsylvania State | D |
| Dribus, | J. R. | The petrology and geochemistry of the Deposit No. 9 dunite, Macon County, North Carolina | 1977 | Kent State | M |
| Druham, | R. M. | The southwestern Raleigh belt and the Nubush Creek fault in North Carolina | 1983 | UNC Chapel Hill | M |
| Duane, | D. B. | Petrology of recent bottom sediments of the western Pamlico Sound region, North Carolina | 1963 | Kansas | D |
| DuPuis, | R. H. | The stratigraphy, structure, and metamorphic history of the northern half of Nottely Dam quadrangle, Georgia-North Carolina | 1975 | Georgia | M |
| Eames, | G. B. | Late Quaternary seismic stratigraphy, lithostratigraphy & geologic history of a shelf-barrier-estuarine system, Dare Co., NC | 1983 | East Carolina | M |
| Easton, | W. H. | Mineralogy of the Spruce Pine, North Carolina area | 1938 | George Washington | M |
| Eckelmann, | F. D. | The sedimentary origin and stratigraphic equivalence of the so-called Cranberry and Henderson granites in western NC | 1954 | Columbia | M |
| Eckert, | J. O., Jr. | Petrology and tectonic implic. of the trans. from the staurolite-kyanite zone to the Wayah granulite-facies metamorphic core SW NC | 1988 | Texas A&M | D |

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|--------------|------------|---|------|-----------------------|-----|
| Eckhoff, | O. B. | The hill slopes of the Piedmont of North Carolina | 1960 | UNC Chapel Hill | M |
| Edelman, | W. D. | Geophysical investigation of a possible buried channel: Ocracoke island, North Carolina | 1984 | North Carolina State | M |
| Edgwald, | J. K. | Coagulation in estuaries | 1972 | UNC Chapel Hill | D |
| Edwards, | B. D. | Distribution and significance of endolithic microboring organisms in sediments of the SE U.S. continental margin: a statistical appr. | 1972 | Duke | M |
| Edwards, | R. A. | Yorktown and Duplin ostracods of North Carolina and Virginia | 1938 | UNC Chapel Hill | D |
| Edwards, | R. W. | The sediments of the North River Estuary, Morehead City, North Carolina | 1961 | UNC Chapel Hill | M |
| El-idrissi, | M. E. | Geophysical investigations of copper and chromite mineralization in the eastern Piedmont of North Carolina | 1980 | North Carolina State | M |
| El-samani, | K. Z. | Geology of the Reed Gold Mine, Cabarrus County, North Carolina | 1978 | North Carolina State | M |
| Elligman, | Donald | Volcanic stratigraphy in the Carolina slate belt near Chapel Hill, North Carolina | 1987 | UNC Chapel Hill | M |
| Ellington, | M. D. | Major and trace element composition of phosphonites of the North Carolina continental margin | 1984 | East Carolina | M |
| Enthof, | John | A geothermal study of southern Virginia, North Carolina and eastern Tennessee | 1977 | Florida | M |
| Enry, | J. S. | The hydrogeology of Nags Head Woods, Dare County, North Carolina | 1987 | Old Dominion | M |
| English, | B. L. | Zircon morphology and U-Pb zircon isotopic study of the Salisbury pluton, Rowan County, North Carolina | 1984 | UNC Chapel Hill | M |
| Erllich, | R. N. | Early Holocene to Recent development and sedimentation of the Roanoke River area, North Carolina | 1980 | UNC Chapel Hill | M |
| Esawi, | E. K. | Geology and geochemistry of mafic Charlotte belt, Davie County, North Carolina | 1985 | UNC Chapel Hill | M |
| Everts, | C. H. | A rational approach to marine placers | 1971 | Wisconsin | D |
| Fallow, | W. C. | Geology of the Rocky Point, North Carolina quadrangle and an adjacent coastal area | 1962 | UNC Chapel Hill | M |
| Fallow, | W. C. | The Pleistocene Neuse Formation in southeastern, North Carolina | 1965 | UNC Chapel Hill | D |
| Farquar, | C. R. | Crystalline rocks of north central Wake County, North Carolina | 1952 | North Carolina State | M |
| Felder, | W. N., II | Barrier island morphology at Rodanthe, North Carolina | 1973 | Virginia | M |
| Feldhausen, | P. H. | Ordination of Recent micro-organisms from the Cape Hatteras (North Carolina) continental margin | 1967 | Wisconsin | M |
| Field, | M. E. | Sedimentation on North Carolina lower continental rise | 1969 | Duke | M |
| Filer, | J. K. | Modern sedimentation through the fluvial to estuarine transition of the Neuse River Estuary, North Carolina | 1979 | UNC Chapel Hill | M |
| Finlayson, | C. P. | The geology of the Max Patch Mountain area, Lemon Gap quadrangle, Tennessee-North Carolina | 1957 | Tennessee (Knoxville) | M |
| Finneran, | J. M. | Calcareous nanofossil biostratigraphy and structure of Upper Cretaceous sediments of the North Carolina Coastal Plain | 1980 | Ohio University | M |
| Fisher, | J. J. | Development pattern of relict beach ridge, Outer Banks, North Carolina | 1967 | UNC Chapel Hill | D |
| Fisher, | J. J. | Geomorphic expression of former inlets along the Outer Banks of North Carolina | 1962 | UNC Chapel Hill | M |
| Fithian, | P. A. | The family Cytherideidae (Ostracoda) in the Cretaceous of the Atlantic Coastal Plain | 1977 | Delaware | M |
| Fitzpatrick, | T. F. | Gold-quartz vein mineralization in Stanly County, North Carolina | 1983 | VPI | M |
| Fleisher, | P. J. | Structural control of the igneous intrusions of the Durham Triassic basin, North Carolina | 1963 | UNC Chapel Hill | M |
| Fleming, | R. E., Jr. | Crystalline rocks of the northern half of Farrington quadrangle, North Carolina | 1958 | UNC Chapel Hill | M |
| Fletcher, | J. S. | Chromite from some western North Carolina ultramafites and its petrogenetic implications | 1972 | South Carolina | M |
| Fletcher, | Ruth | Planktonic foraminifera from the Oligocene and Early Miocene of Jones and Onslow Counties, North Carolina | 1987 | Delaware | M |
| Ford, | M. M. | A fluid inclusion and petrographic study of barren and gold-mineralized quartz veins in the central/southern Carolina slate belt | 1981 | UNC Chapel Hill | M |
| Forrest, | J. T. | Geologic evolution of a portion of the Murphy marble belt in southwestern North Carolina | 1975 | Rice | D |

| LAST | FIRST | TITLE | DATE | UNIVERSITY | DEG |
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| Fortson, | C. W., Jr. | Geology of the Crabree Creek area northwest of Raleigh, North Carolina | 1958 | North Carolina State | M |
| France, | N. A. | Petrology and economic implications of King's Mountain belt metaconglomerates | 1983 | North Carolina State | M |
| Fritz, | S. J. | Provenance in process deposition of sand layers on the North Carolina continental rise | 1971 | Duke | M |
| Fritz, | S. J. | Physical and chemical characteristics of weathering rinds from several plutons in the North Carolina Piedmont | 1976 | UNC Chapel Hill | D |
| Fronabarger, | A. K. | Petrogenesis of the North Harper Creek uranium prospect | 1980 | Tennessee (Knoxville) | M |
| Fullagar, | P. D. | Host rock gneiss as a possible source of ore mineralization at Ore Knob | 1963 | Illinois | D |
| Furman, | F. C. | Origin and economic potential of olivine in the alpine-type ultramafic bodies, the Willets Tract, Jackson County, NC | 1981 | Bowling Green | M |
| Gamble, | E. E. | Origin and morphogenetic relations of sandy surficial horizons of upper coastal plain soils of North Carolina | 1966 | North Carolina State | D |
| Ganus, | W. J. | Analysis of factors controlling groundwater flow for prediction of rates of movement & changes in quality, Atlantic Coastal Plain | 1972 | Arizona | D |
| Gardner, | J. A. | On certain families of the Gastropoda from the Miocene and Pliocene of Virginia and North Carolina | 1911 | Johns Hopkins | D |
| Gay, | N. K. | Paleoecology of the Yorktown Formation in Edgecombe County, North Carolina | 1980 | East Carolina | M |
| George, | D. R. | Soapstone deposits in Wake County, North Carolina | 1939 | North Carolina State | M |
| Getzen, | R. T. | Cretaceous stratigraphy of the upper coastal plain in central South Carolina | 1969 | South Carolina | M |
| Giles, | R. T. | Petrography and petrology of the Rabun Bald area, Georgia-North Carolina | 1966 | Georgia | M |
| Gillon, | K. A. | Stratigraphic, structural and metamorphic geology of portions of the Cowrock and Helen, Georgia 7 1/2' quadrangles | 1982 | Georgia | M |
| Glaser, | A. H. | A petrographic & petrogenetic investigation of the metamorphosed ultramafic bodies in the Winston-Salem quadrangle, NW NC-SW VA. | 1978 | Miami (Ohio) | M |
| Glass, | B. D. | King Midas and old rip: the Gold Hill mining district of North Carolina | 1980 | UNC Chapel Hill | D |
| Glassen, | Robert | Oregon Inlet, North Carolina: a case history | 1971 | Virginia | M |
| Glover, | D. P. | A gravity study of the northeastern Piedmont batholith of North Carolina | 1963 | UNC Chapel Hill | M |
| Godfrey, | J. E., Jr. | Hydrogeologic characteristics of the Jonesboro Fault zone in Wake, Harnett, and Chatham Counties, North Carolina | 1980 | North Carolina State | M |
| Goeddicke, | T. R. | The Boy Scout-Jones molybdenum property, Halifax County, North Carolina | 1948 | North Carolina State | M |
| Goff, | W. T. | Sedimentation in a modern tidal inlet: Bogue Inlet, North Carolina | 1977 | UNC Chapel Hill | M |
| Goldén, | B. L. | Late Quaternary sedimentation on Hatteras outer ridge and North Carolina continental rise | 1970 | Duke | M |
| Goldston, | W. L., Jr. | Soils of the University Station area | 1916 | UNC Chapel Hill | M |
| Gollakota, | Jagannadham | A study on the feldspars of the Blowing Rock Gneiss, NC | 1968 | UNC Chapel Hill | M |
| Gollakota, | Jagannadham | A comparative study of potash feldspar structural states from selected granites and augen gneisses | 1972 | UNC Chapel Hill | D |
| Grannell, | D. B. | Geologic section across the Durham Triassic basin, North Carolina | 1961 | North Carolina State | M |
| Green, | G. B., Jr. | The geology of the slate belt rocks of the Goldston and Bear Creek quadrangles, North Carolina | 1977 | North Carolina State | M |
| Greene, | N. E. | Some Upper Cretaceous foraminifera of North Carolina | 1937 | UNC Chapel Hill | M |
| Griffin, | G. M., Jr. | Clay minerals of the Neuse River Estuary | 1954 | UNC Chapel Hill | M |
| Griffin, | W. T. | Petrology of the Tertiary carbonates exposed at Belgrade, Onslow County, North Carolina | 1982 | North Carolina State | M |
| Griffitts, | W. R. | Pegmatite geology of the Shelby district North and South Carolina | 1958 | Michigan | D |
| Grossman, | Stuart | The ecology of the Rhizopoda and Ostracoda of the southern Pamlico Sound region | 1961 | Kansas | D |
| Grundy, | A. T. | Geology and geochemistry of the granitic and related rocks of the Littleton and Thelma area, eastern Piedmont, North Carolina | 1982 | East Carolina | M |
| Guarin, | Gilberto | Geochemistry of soils in a portion of the Carolina slate belt, Cabarrus and Stanly Counties | 1974 | UNC Chapel Hill | M |

| LAST | FIRST | TITLE | DATE | UNIVERSITY | DEG |
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| Guidroz, | R. R. | Gravity features along the western edge of the slate belt, North Carolina | 1964 | UNC Chapel Hill | M |
| Gupton, | C. P. | An investigation of iron and manganese oxide surfaces in saprolite in North Carolina | 1964 | UNC Chapel Hill | M |
| Guy, | S. C. | A heavy mineral analysis of North Carolina beach sands | 1964 | UNC Chapel Hill | M |
| Hadden, | D. R. | Relationships of grain orient. on ripples to current velocity, and grain size parameters to ripple dim. of modern sands in Bogue Inlet, NC | 1968 | Bowling Green | M |
| Hahn, | K. R. | Petrology and geochemistry of the Mincey Mine dunite, Macon County, North Carolina | 1976 | Kent State | M |
| Halsey, | S. D. | Distribution and significance of marine boring Endolithic algae and fungi in sediments of the NC and SC continental margin | 1970 | Duke | M |
| Hardaway, | D. S. | Shoreline erosion and its relationship to the geology of the Pamlico River Estuary | 1980 | East Carolina | M |
| Harden, | J. T. | Petrology of the Farmington gabbro-metagabbro complex, North Carolina | 1984 | Tennessee (Knoxville) | M |
| Harding, | S. C. | Distribution of selected trace elements in sediments of Pamlico River Estuary, North Carolina | 1974 | North Carolina State | M |
| Harper, | S. B. | The age and origin of granitic gneisses of the Inner Piedmont, northwestern North Carolina | 1977 | North Carolina State | M |
| Harrington, | J. W. | The geology and ore dressing problems of the Raleigh graphite | 1946 | UNC Chapel Hill | M |
| Harrington, | J. W. | The west border of the Durham Triassic basin | 1948 | UNC Chapel Hill | D |
| Harris, | C. W. | An unconformity in the Carolina slate belt, central NC: new evidence for the areal extent of the ca. 600 Ma Virgilia Deformation | 1982 | VPI | M |
| Harris, | W. B. | Straigraphy, petrology, & radiometric age (Upper Cretaceous) of the Rocky Point Member, Pee Dee Formation, North Carolina | 1975 | UNC Chapel Hill | D |
| Harrison, | W. G. | Nitrogen budget of a North Carolina estuary | 1974 | North Carolina State | D |
| Hartley, | M. E., III | Ultramafic and related rocks in the vicinity of Lake Change, Clay County, North Carolina and Towns County, Georgia | 1971 | Georgia | M |
| Hartness, | T. S. | Distribution and clay mineralogy of organic-rich mud sediments in the Pamlico River Estuary, North Carolina | 1977 | East Carolina | M |
| Harvey, | B. W. | The microscopic petrography and ore microscopy of the Boy Scout-Jones molybdenum prospect, Halifax County, North Carolina | 1974 | North Carolina State | M |
| Hauck, | S. A. | Geology and petrology of the northwest quarter of the Bynum quadrangle, Carolina slate belt, North Carolina | 1977 | North Carolina State | M |
| Hayes, | L. D. | A petrographic study of the crystalline rocks of the Chapel Hill, North Carolina quadrangle | 1962 | UNC Chapel Hill | M |
| Hedlund, | D. C. | Graphic granites from selected zoned pegmatites of the Bryson City district, North Carolina | 1958 | Wisconsin | D |
| Hermes, | O. D. | A quantitative petrographic study of diabase in the Deep River Triassic basin, North Carolina | 1963 | UNC Chapel Hill | M |
| Hermes, | O. D. | A geologic and petrologic study of the Mecklenberg gabbro-metagabbro complex, North Carolina | 1967 | UNC Chapel Hill | D |
| Heron, | S. D., Jr. | The stratigraphy of the outcropping basal Cretaceous formations between Neuse River NC and Lynches River, SC | 1958 | UNC Chapel Hill | D |
| Hewig, | J. W. | Application of statistical analysis to grain size parameters in recent sedimentary environments, NC coastal plain | 1969 | UNC Chapel Hill | M |
| Heyn, | Teunis | Straigraphic and structural relationships along the southwestern flank of the Sauratown Mountains Anticlinorium | 1984 | South Carolina | M |
| Hicks, | H. T., Jr. | Geology and ore genesis of the Buckhorn district iron deposits | 1982 | North Carolina State | M |
| Hill, | W. T. | Petrography of some pebble horizons in the southern Appalachians | 1951 | Tennessee (Knoxville) | M |
| Hinrichs, | F. W. | The occurrence of "a" mica in the Spruce Pine district, North Carolina | 1941 | Northwestern | M |
| Hodges, | R. A. | A petrologic study of the Lithium Corporation of America mine in the tin-spodumene belt of North Carolina | 1983 | UNC Chapel Hill | M |
| Hoffman, | J. I. | The nature of calcium-organic complexes in natural solutions and its implications on mineral equilibria | 1969 | Michigan | D |
| Hofmann, | E. E. | Analysis and modeling of a bottom intrusion in Onslow Bay, North Carolina | 1980 | North Carolina State | D |
| Holcombe, | R. J. | Mesopic and microscopic analysis of deformation and metamorphism near Ducktown, Tennessee | 1973 | Stanford | D |
| Holland, | T. H. | Geology, vertebrate fossils, and environmental controls Lee Creek phosphate mine, North Carolina | 1974 | Virginia | M |
| Holland, | W. T. | A geophysical and geological survey of the Deep River Triassic basin | 1930 | UNC Chapel Hill | M |

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| Holman, | R. E., III | The ecology of four coastal lakes in North Carolina: trophic states measured from space imagery | 1978 | North Carolina State | M |
| Honeycutt, | F. M. | Petrology of the Balsam Gap ultramafic body, Jackson County, North Carolina | 1978 | Kent State | M |
| Hooks, | W. G. | The clay minerals and the iron oxide minerals of the Triassic "red beds" of the Durham basin, North Carolina | 1953 | UNC Chapel Hill | M |
| Hope, | R. C. | Geomorphology of Sampson County, North Carolina | 1956 | North Carolina State | M |
| Hope, | R. C. | A paleobotanical analysis of the Sanford Triassic basin, North Carolina | 1975 | South Carolina | D |
| Hornbeck, | R. W. | Topographic and geological mapping of a part of the Morgan Creek basin | 1937 | UNC Chapel Hill | M |
| Horton, | J. W., Jr. | Geology of the Kings Mountain and Grover quadrangles, North and South Carolina | 1977 | UNC Chapel Hill | D |
| Horton, | J. W., Jr. | Geology of the Rosman area, Transylvania County, North Carolina | 1974 | UNC Chapel Hill | M |
| Houston, | R. S., Jr. | Tungsten deposits in Cabarrus County, North Carolina | 1950 | North Carolina State | M |
| Howard, | C. E. | Petrography of the Sampson County area, North Carolina | 1955 | North Carolina State | M |
| Howard, | J. F. | The Foraminifera of the type Waccamaw (Pliocene?) and type Croacan (Pliocene?) deposits of the Carolinas | 1963 | Houston | M |
| Howard, | J. F. | Biostratigraphy and paleoecology of the Duplin (Late Miocene) and Waccamaw (Pliocene) Formations of North and South Carolina | 1966 | Indiana | D |
| Howell, | D. E. | Geology of the southern two-thirds of the Celo 7.5' quadrangle, North Carolina | 1975 | UNC Chapel Hill | M |
| Hoy, | R. B. | Geology and ore deposits of the Capps Gold Mine, Mecklenburg County, North Carolina | 1939 | California Tech | M |
| Hughes, | E. H. | The hydrothermal alteration system at Daniels Mountain, Carolina slate belt, North Carolina | 1985 | UNC Chapel Hill | M |
| Hunsberger, | G. G. | Differentiation of the effects of pollution, sulfide-dep. weather., & background weather. on stream chem., Rocky River basin, NC | 1984 | North Carolina State | M |
| Hunt, | A. M. | Cenozoic Fossilifera (Mollusca Gastropoda) of the western Atlantic region | 1975 | Tulane | D |
| Hunt, | E. L. | The modern sediments of Topsail Sound, North Carolina | 1979 | UNC Chapel Hill | M |
| Hurley, | B. W. | Geology of the Old Fort area, North Carolina | 1974 | UNC Chapel Hill | M |
| Ibrahim, | Y. K. | Paleocurrents and physical sedimentary history of outcropping Middendorf sediments south of Cape Fear River in NC | 1973 | UNC Chapel Hill | D |
| Idris, | E. O. | Geophysical investigation of diabase dikes in the Durham Triassic basin and their hydrological significance | 1980 | North Carolina State | M |
| Indorf, | C. D. | Geology and mineralogy of the Silver Hill zinc deposit and associated deposits, central North Carolina | 1978 | North Carolina State | M |
| Indorf, | M. S. | Uranium-phosphorous determinations for selected phosphate grains from the Miocene Pungo River Formation, NC | 1982 | East Carolina | M |
| Jarrett, | J. T. | A study of the hydrology and hydraulics of Pamlico Sound and their relation to the concentration of substances in the sound | 1966 | North Carolina State | M |
| Johnson, | A. C. | A magnetometer survey of the Webster-Addie ultra-basic ring, Jackson County, North Carolina | 1958 | Michigan | M |
| Johnson, | F. K. | The sediments of the Newport River Estuary, Morehead City, North Carolina | 1959 | North Carolina | M |
| Johnson, | N. E. | A study of the vein copper mineralization of the Virgilina district, Virginia and North Carolina | 1983 | VPI | M |
| Jones, | G. D. | Foraminiferal paleontology and geology of lower Claibornian rocks of the inner coastal plain of NC (volumes i & ii) | 1981 | Delaware | D |
| Jones, | T. Z. | Petrography, structure, and metamorphic hist. of the Warrensville & Jefferson Quad's, southern Blue Ridge, northwestern NC | 1976 | Miami (Ohio) | D |
| Jones, | W. E. | Trace element and stable isotopic trends associated with diageneses of selected benthic Foraminifera from Miocene sediments | 1988 | East Carolina | M |
| Julian, | E. L. | The Castalia adamellite in Franklin and Nash Counties, NC and the petrogenesis of some of the associated aplites and pegmatites | 1972 | North Carolina State | M |
| Justus, | P. S. | Modal and textural zonation of diabase dikes, Deep River basin, North Carolina | 1966 | UNC Chapel Hill | M |
| Justus, | P. S. | Structure and petrology along the Blue Ridge front and Brevard zone, Wilkes and Caldwell counties, North Carolina | 1971 | UNC Chapel Hill | D |
| Karabatsos, | G. T. | A provenance and durability study of heavy minerals in a small modern river (Neuse River, North Carolina) | 1959 | Nebraska | M |
| Katrosch, | M. R. | Foram. paleoecology & biostratigraphy of the Yorktown and Pungo River Formations: Beaufort, Pamlico, Craven, and Carteret Co., NC | 1981 | East Carolina | M |

| LAST | FIRST | TITLE | DATE | UNIVERSITY | DEG |
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| Katuna, | M. P. | Sedimentary structures of the modern lagoonal environment: Pamlico Sound, North Carolina | 1974 | UNC Chapel Hill | D |
| Katz, | S. D. | Fourier shape analysis and electron microscopy of detrital muscovite in two fluvial networks in North Carolina | 1983 | Duke | M |
| Kautzman, | R. R. | Temporal relations between urbanization and sedimentation: Lake Boone, North Carolina | 1972 | North Carolina State | M |
| Kays, | B. L. | Relationship of soil morphology, soil disturbance and infiltration to stormwater runoff in the suburban NC Piedmont | 1979 | North Carolina State | D |
| Keller, | F. B. | Late Precambrian stratigraphy, depositional history and structural chronology of part of the Tennessee Blue Ridge | 1980 | Yale | D |
| Kellum, | L. B. | Paleontology and stratigraphy of the Castle Hayne and Trent Marts in North Carolina | 1924 | Johns Hopkins | D |
| Keoughan, | K. M. | Stratigraphy of the Pliocene and Pleistocene deposits of Cherry Point Marine Corps Air Station, North Carolina | 1988 | UNC Chapel Hill | M |
| Kessell, | R. H. | Comparative morphology of inselbergs in different environments (VA, NC, SC, AZ) with emphasis on a humid temp. and an arid area | 1972 | Maryland | D |
| Kingsbury, | R. H. | Petrology and geochemistry of an ultramafic pluton north of Micaville, Yancey County, North Carolina | 1977 | Kent State | M |
| Kirstein, | D. S. | Some crystalline rocks north of Chapel Hill, North Carolina | 1957 | UNC Chapel Hill | M |
| Kish, | S. A. | A geochronological study of deformation and metamorphism in the Blue Ridge and Piedmont of the Carolinas | 1983 | UNC Chapel Hill | D |
| Kite, | L. E. | The Halifax County complex: oceanic lithosphere in the northeastern Piedmont, North Carolina | 1982 | North Carolina State | M |
| Kirtelson, | R. C. | The amphibolite-to-granulite facies transition in the Franklin and Corbin Knob quadrangles, North Carolina Blue Ridge | 1988 | Tennessee (Knoxville) | M |
| Klask, | John | Sedimentation, under the influence of contour currents on the mid. cont. rise, between the Hauteras Canyon system and Blake Outer Ridge | 1972 | Duke | M |
| Kline, | C. C. | Gravity of Brevard zone in northeastern North Carolina | 1971 | UNC Chapel Hill | M |
| Koehler, | Adrienne | Geology and petrology of the crystalline rocks in the Valentines area north of Lake Gaston, North Carolina and Virginia | 1982 | East Carolina | M |
| Kronenfeld, | K. R. | Depositional history of a Holocene peat deposit near Wilmington, North Carolina | 1982 | North Carolina State | M |
| Kuchenbuch, | P. A. | Petrology of some metagabbro bodies in the Mars Hill quadrangle, western North Carolina | 1979 | Eastern Kentucky | M |
| Kuntz, | M. A. | Compositional variation in the Buck Creek Dunitic, Clay County, North Carolina | 1964 | Northwestern | D |
| Kurtz, | J. P. | A mechanism for the concentration of copper in felsic magmas related to porphyry deposits | 1983 | UNC Chapel Hill | D |
| Lai, | Shang-Fel | Generalized linear inversion of 2.5 - dimensional gravity and magnetic anomalies (Wisconsin, Nebraska, Mexico, North Carolina) | 1984 | Texas (Dallas) | D |
| Lambert, | H. D. | The soils of the Chapel Hill region and their adaptation to crops | 1915 | UNC Chapel Hill | M |
| Landrum, | J. H., Jr. | Fault detection in the northeastern North Carolina coastal plain utilizing remote sensing and geophysical methods | 1980 | Old Dominion | M |
| Laney, | F. B. | The Gold Hill mining district of North Carolina | 1908 | Yale | D |
| Laskowski, | T. E. | The intrusive granitic bodies of the Crossnore plutonic-volcanic group: northwestern, North Carolina | 1978 | Miami, Ohio | M |
| Lawrence, | D. R. | The oysters <i>Crassostrea gigantissima</i> (finch) at Belgrade, North Carolina: a case study in paleoecology | 1966 | Princeton | D |
| Lebaron, | P. M. | Geology of the White belt, Portis Gold Mine property of Franklin County, North Carolina | 1937 | UNC Chapel Hill | M |
| Lefurgey, | E. A. | Recent benthic Foraminifera from Roanoke Sound, Croatan Sound, and northern Pamlico Sound, North Carolina | 1976 | UNC Chapel Hill | D |
| Lemmon, | R. E. | Geochemistry of the Salisbury pluton, Rowan County, North Carolina | 1969 | UNC Chapel Hill | M |
| Lemmon, | R. E. | Geology of the Bat Cave and Fruitland quadrangles and the origin of the Henderson Gneiss, western North Carolina | 1973 | UNC Chapel Hill | D |
| Lent, | R. J. | The stable isotopic stratigraphy of the Pungo River Formation, Onslow Bay, North Carolina | 1985 | North Carolina State | M |
| Lewis, | D. W. | Preliminary stratigraphy of the Pungo River Formation of the Atlantic continental shelf, Onslow Bay, North Carolina | 1981 | East Carolina | M |
| Lewis, | S. E. | Geology of the Brevard zone, Smith River allochthon & Inner Piedmont in the Sauratown Mountains anticlinorium, northwest NC | 1980 | UNC Chapel Hill | D |
| Liddle, | S. K. | Trace-element analysis of the groundwater at a hazardous waste landfill in the Piedmont of North Carolina | 1984 | North Carolina State | M |
| Liggon, | G. H. | Geology of some non-marine Triassic sediments in North Carolina | 1972 | North Carolina State | M |

| LAST | FIRST | TITLE | DATE | UNIVERSITY | DEG |
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| Lindsey, | D. S. | Environmental significance of grain-size parameters, Bogue Inlet-White Oak estuary area, North Carolina | 1969 | Bowling Green | M |
| Lineberry, | R. A. | A manufacturing study of North Carolina brick clays | 1925 | UNC Chapel Hill | M |
| Livingston, | J. L. | Geology of the Brevard zone and the Blue Ridge province in southwestern Transylvania County, North Carolina | 1966 | Rice | D |
| Loflin, | L. K. | Water chemistry of the pocosins of the Croatan National Forest, Carteret, Craven, and Jones Counties, North Carolina | 1985 | East Carolina | M |
| Lowry, | J. | Geology of the southeastern end of the Mountain City Window, Tennessee | 1958 | Yale | D |
| Lozano, | Hernando | Trace elements in quartz as a geochemical prospecting tool in Cabarrus and Stanly Counties, North Carolina | 1974 | UNC Chapel Hill | M |
| Lugo, | H. M. | The effect of some mineralogical and physicochemical properties of clay particles on soil strength | 1972 | North Carolina State | D |
| Luhn, | J. K. | Geochemical investigation of the Buck Creek alpine-type intrusion (Precambrian), Clay County, western North Carolina | 1968 | Miami (Ohio) | M |
| Lutenauer, | J. L. | Phosphorite on the North Carolina continental shelf | 1966 | Duke | M |
| Lyday, | T. Q. | The geology of the southern half of the White Cross quadrangle, North Carolina | 1974 | UNC Chapel Hill | M |
| Lyle, | Michael | Clay mineralogy of the Pungo River Formation, Onslow bay, North Carolina continental shelf | 1984 | East Carolina | M |
| Lyon, | H. W. | Application of analytical solute transport models in the initial evaluation of a hazardous waste disposal facility, Piedmont, NC | 1987 | North Carolina State | M |
| Lyon, | R. B., Jr. | Analysis of the planktonic foraminifera and mineralogy from core E-14996, Hatteras continental rise | 1973 | Duke | M |
| Maas, | R. P. | Characterization of water chemistry of Anakeesta pyrite-affected streams in the Great Smoky Mountains National Park | 1976 | Western Carolina | M |
| Madison, | J. A. | Petrology and geochemistry of the Webster-Addie ultramafic body, Jackson County, North Carolina | 1968 | Washington, Missouri | D |
| Mahrer, | K. D. | Strike-slip faulting: models for deformation in a non-uniform crust | 1979 | Stanford | D |
| Malette, | P. M. | Lithostratigraphic analysis of cyclical phosphorite sedimentation within the Miocene Pungo River Fm., NC continental shelf | 1986 | East Carolina | M |
| Mallinson, | D. J. | The distribution and petrology of glauconitic sediments within the Pungo River Formation, Onslow Bay, NC continental shelf | 1988 | East Carolina | M |
| Manger, | K. C. | A structural analysis of the Roan Mountain mafic complex, North Carolina and Tennessee | 1981 | Kentucky | M |
| Manger, | P. H. | A structural analysis along the Linville Falls thrust fault in western North Carolina | 1981 | Kentucky | M |
| Marrn, | W. R. | The modification of a suite of detrital rock-fragments from a portion of the Neuse River drainage basin, North Carolina | 1972 | North Carolina State | M |
| Marr, | J. D., Jr. | Geology of the western half of the Lake Toxaway quadrangle, North Carolina | 1975 | New Orleans | M |
| Marsh, | H. E. | Geology of Triassic area southeast of Chapel Hill | 1920 | UNC Chapel Hill | M |
| Martin, | B. F., Jr. | The petrology of the Corbin gneiss | 1970 | Georgia | M |
| Martin, | I. L. | Petrographic and micropaleontological study of some marls of eastern North Carolina | 1928 | UNC Chapel Hill | M |
| Masterson, | R. P., Jr. | Sediment movement in Tubbs Inlet, North Carolina | 1973 | North Carolina State | M |
| Mathur, | U. P. | Study of the continental structure of southeastern United States by dispersion of Rayleigh waves | 1971 | Georgia Tech | M |
| Manger, | L. L. | Benthonic foraminiferal paleoecology of the Yorktown Formation at Lee Creek mine, Beaufort County, North Carolina | 1979 | East Carolina | M |
| Maurice, | C. S. | Leuco-tonalite and granite pegmatites of the Spruce Pine district, North Carolina | 1936 | Johns Hopkins | D |
| McCampbell, | J. C. | Further geomagnetic evidences as to the origin of the "Carolina Bays" | 1944 | UNC Chapel Hill | D |
| McCampbell, | J. C. | Age of "St. Mary's" Formation of North Carolina | 1936 | Vanderbilt | M |
| McClelland, | S. W. | The crystallography and petrology of kammererite from the Day Book body, Yancey County | 1973 | Iowa | M |
| McCormell, | K. I. | Geology of the late Precambrian Flat River complex and associated volcanic rocks near Durham, North Carolina | 1974 | VPI | M |
| McDade, | J. A. | Application of surface geophysical methods to the evaluation of waste disposal sites in North Carolina | 1984 | North Carolina State | M |
| McDaniel, | R. D. | Application of a hot-spring-fumarole alteration model to the genesis of the pyrophyllite deposits of the Carolina slate belt | 1976 | North Carolina State | M |

| LAST | FIRST | TITLE | DATE | UNIVERSITY | DEG |
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| McElhaney, | M. S. | Petrogenesis of the Chunky Gal Mountain mafic-ultramafic complex | 1981 | Tennessee (Knoxville) | M |
| McGill, | K. A. | Tectonic history of the Blue Ridge and Brevard zone near Old Fort, North Carolina | 1980 | UNC Chapel Hill | M |
| McGinn, | C. W. | Possible petrogenetic relationships between the Pee Dee Gabbro and Lilesville granite, Anson and Richmond Counties, NC | 1988 | Tennessee (Knoxville) | M |
| McKee, | L. H. | The geology, stratigraphy, and hydrothermal alteration in the Ncsbit Gold Mine area, Union County, North Carolina | 1985 | UNC Chapel Hill | M |
| McKinney, | R. B. | Subsurface stratigraphy of Late Jurassic (?) through Middle Eocene strata in a portion of the NC Coastal Plain | 1985 | North Carolina State | M |
| McKniff, | J. M. | Geology of the Highlands-Cashiers area, North Carolina, South Carolina, and Georgia | 1967 | Rice | D |
| Mellen, | J. V. | Precambrian sedimentation in the northeast part of Cohutta Mountain quadrangle, Georgia | | Cornell | M |
| Mercer, | R. B. | Geochemical reconnaissance for copper on the upper Tellico River and its tributaries | 1978 | Wright State | M |
| Michalek, | D. D. | Fanlike features and related periglacial phenomena of the southern Blue Ridge | 1969 | UNC Chapel Hill | D |
| Michie, | Joanna | Geology of a portion of the northern Kings Mountain belt, North Carolina | 1985 | Texas A & M | M |
| Mies, | J. W. | An investigation of the Proterozoic basement-Ashe Fm. boundary west of the Grandfather Mountain Window, northwestern, NC | 1987 | UNC Chapel Hill | M |
| Miller, | D. N. | An ecological study of foraminifera of Mason Inlet, North Carolina | 1950 | Missouri Mines | M |
| Miller, | E. L., Jr. | The origin, occurrence and mining of talc in Macon, Swain, and Cherokee Counties, North Carolina | 1946 | North Carolina State | M |
| Miller, | J. A. | Stratigraphic and structural setting of the middle Miocene Pungo River Formation of North Carolina | 1971 | UNC Chapel Hill | D |
| Miller, | J. A. | Geology of the southern half of the Farrington, North Carolina quadrangle | 1963 | North Carolina State | M |
| Miller, | M. B. | A petrographic and fluid inclusion study of some scheelite-bearing quartz veins, Cabarrus County, North Carolina | 1982 | UNC Chapel Hill | M |
| Miller, | Roswell, III | The structure and petrology of the Webster-Addie ultrabasic ring, Jackson County, North Carolina | 1951 | Princeton | D |
| Miller, | W. C., III | Ecological units, paleocommunity structure, and ecological history of Late Pleistocene deposits in Dare County, NC | 1981 | Duke | M |
| Mills, | H. S. | Relative abundance of selected trace elem. in sediments of streams draining specific rock types near Wilton, Granville Co., NC | 1966 | North Carolina State | M |
| Mims, | C. V. H. | Application of anisotropy of magnetic susceptibility (AMS) as a petrofab. indicator - mylonitic Falls lineated gn. and Raleigh belt gn. | 1988 | UNC Chapel Hill | M |
| Mirecki, | June | Amino Acid racemization dating of some Coastal Plain sites, SE Virginia and NE North Carolina | 1985 | Delaware | M |
| Mohr, | D. W. | Stratigraphy, structure, and metamorphism of the eastern part of the Fontana Lake reservoir Great Smoky Mountains, NC | 1972 | Chicago | D |
| Molina, | B. F. | The origin and distribution of calcareous fines on the North and South Carolina continental margin | 1969 | Duke | M |
| Moller, | S. A. | Structural analysis of the Grandfather Mountain Window and vicinity, North Carolina | 1976 | UNC Chapel Hill | M |
| Moore, | B. R. | Investigation of a felsic flow in northern Moore County, North Carolina | 1980 | North Carolina State | M |
| Moore, | D. W. | Geomorphology of the Deep River drainage basin and Carthage area | 1972 | UNC Chapel Hill | M |
| Moore, | T. J. | Grain sequences of samples from the west Farrington pluton, North Carolina | 1974 | Northwestern | M |
| Moore, | T. L. | Foraminiferal biostratigraphy and paleoecology of the Miocene Pungo River Fm., central Onslow embayment, NC continental margin | 1986 | East Carolina | M |
| Moorefield, | T. P. | Geologic processes and history of the Fort Fisher coastal area, North Carolina | 1978 | East Carolina | M |
| Moran, | L. K. | Petrography of unconformable surfaces and associated stratigraphic units of the Eocene Castle Hayne Fm., southeastern NC | 1988 | East Carolina | M |
| Moretz, | L. C. | Diagenesis of benthic foraminifera in the Miocene Pungo River Formation of Onslow bay, North Carolina continental shelf | 1987 | East Carolina | M |
| Morgan, | B. A., III | A gravity study of a ring dike near Concord, North Carolina | 1963 | UNC Chapel Hill | M |
| Morrow, | H. B. | Structural geology of the southern half of Cruso quadrangle, North Carolina | 1977 | UNC Chapel Hill | M |
| Moye, | R. J., Jr. | The Bayleaf mafic-ultramafic belt, Wake and Granville Counties, North Carolina | 1981 | North Carolina State | M |
| Muholland, | P. J. | Organic carbon cycling in a swamp-stream ecosystem and export by streams in eastern North Carolina | 1979 | UNC Chapel Hill | D |

| LAST | FIRST | TITLE | DATE | UNIVERSITY | DEG |
|----------------|------------|---|------|-----------------------|-----|
| Murphy, | C. J., III | Modeling the northeastern North Carolina gravity low | 1972 | UNC Chapel Hill | M |
| Nardin (Buss), | B. A. | Suspended sediments in continental shelf waters off Cape Hatteras, North Carolina | 1972 | Illinois | M |
| Needham, | R. E. | The geology of the Murray County, Georgia talc district | 1972 | Georgia | M |
| Neiheisel, | James | Source of detrital heavy minerals in estuaries of the Atlantic Coastal Plain | 1973 | Georgia Tech | D |
| Nelson, | D. D. | Late Pleistocene and Holocene clay mineralogy and sedimentation in the Pamlico Sound region, North Carolina | 1973 | South Carolina | D |
| Nesbitt, | B. E. | Regional metamorphism of the Ducktown, Tenn., massive sulfides and adjoining portions of the southern Blue Ridge province | 1979 | Michigan | D |
| Neuhauser, | K. R. | Theories on origin of alpine-type ultramafics | 1974 | South Carolina | D |
| Neuhauser, | K. R. | A structural and petrographic analysis of the Bank's Creek (NC) serpentinite | 1971 | South Carolina | M |
| Newton, | M. C., III | A Late Precambrian resurgent caudron in the Carolina slate belt of North Carolina, U.S.A. | 1983 | VPI | M |
| Nixon, | E. C. | Geology of the Harper's Crossroads area, southwestern Chatham County, North Carolina | 1955 | North Carolina State | M |
| Nixon, | K. R. | Metamorphic reactions in the rocks of Craggy Gardens, North Carolina | 1978 | Ohio State | M |
| Noel, | J. R. | Paleomagnetism of late Precambrian metavolcanic rocks from the Carolina slate belt | 1986 | Georgia | M |
| Nunan, | A. N. | The geology of the magnetite deposits of the Kings Mountain belt, North Carolina | 1983 | UNC Chapel Hill | M |
| Nunan, | W. E. | Stratigraphy of the Weverton Formation, northern Blue Ridge anticlinorium | 1980 | UNC Chapel Hill | D |
| Nuttall, | B. D. | The Nantahala-Ocoee contact in north Georgia | 1951 | Cincinnati | M |
| Odom, | A. L. | Rb-Sr isotopic study: implications regarding the age, origin and evolu. of a portion of the southern Appalachians, W NC, SW VA, & NE TN | 1971 | UNC Chapel Hill | D |
| Offutt, | P. A. | Sericitic clays of the Carolina slate belt of North and South Carolina and their association with Coastal Plain sediments | 1969 | Duke | M |
| Olsen, | B. A. | Petrogenesis of the Concord gabbro-syenite complex, Cabarrus County, North Carolina | 1982 | Tennessee (Knoxville) | M |
| Oriel, | S. S. | Geology of the Hot Springs window, North Carolina | 1949 | Yale | D |
| Osman, | A. A. | Mineralization and rock alteration at the Reed Gold Mine, Cabarrus County, North Carolina | 1978 | North Carolina State | M |
| Otc, | L. J. | Petrology of the exposed Eocene Castle Hayne limestone of North Carolina | 1981 | UNC Chapel Hill | D |
| Owens, | Michael | Petrologic study of talc mineralization in Murphy marble (lower Cambrian) in southwestern North Carolina | 1968 | Tennessee (Knoxville) | M |
| Pack, | D. D. | A mineralogic and petrologic study of the Cranberry Magnetite Mine, Cranberry, North Carolina | 1976 | Tennessee (Knoxville) | M |
| Palczuk, | N. C., Jr. | A stable isotope evaluation of the Blake outer ridge (BOR) deep sea deposit | 1988 | North Carolina State | M |
| Park, | B. K. | Mineralogy of recent sediments of North Carolina sounds and estuaries | 1971 | North Carolina | D |
| Parks, | J. T. | Seismic investigations of Carteret County, North Carolina | 1983 | UNC Chapel Hill | M |
| Patel, | K. N. | A mineralogical and petrological study of a slightly radioactive pyritized conglomerate at Shut-in Creek, near Hot Springs, NC | 1973 | Tennessee (Knoxville) | M |
| Patterson, | O. F., III | The depositional environment and paleoecology of Pekin Formation (Upper Triassic) of the Sanford Triassic basin, North Carolina | 1969 | North Carolina State | M |
| Paul, | C. K. | The structure, stratigraphy, and development of the Florida-Hatteras slope and inner Blake plateau | 1978 | Miami (Florida) | M |
| Paulson, | G. D. | Major and trace element geochemistry of the Carolina slate belt volcanics, southern Appalachians, and its tectonic implications | 1980 | Georgia | M |
| Payne, | R. A. | Groundwater resource potential of diabase dikes in the Durham Triassic basin | 1984 | North Carolina State | M |
| Pearson, | D. R. | Surface and shallow subsurface sediment regime of the nearshore inner continental shelf, Nags Head and Wilmington areas, NC | 1980 | East Carolina | M |
| Peebles, | P. C. | Late Cenozoic landforms, stratigraphy and history of sea level oscillations of southeastern VA and northeastern NC | 1984 | William & Mary | D |
| Pels, | R. J. | Sediments of Albemarle Sound, NC | 1967 | UNC Chapel Hill | M |
| Penso, | S. M. | Geophysical surveys of several selected ultramafic bodies in western North Carolina | 1981 | Kent State | M |

| LAST | FIRST | TITLE | DATE | UNIVERSITY | DEG |
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| Perez, | E. D. | Magnetic surveys of selected ultramafic deposits in western North Carolina | 1979 | Kent State | M |
| Perry, | L. M. | The Cretaceous subsurface geology in the vicinity of Cape Hatteras, North Carolina | 1949 | Minnesota | M |
| Petree, | D. H., Jr. | The influence of grain size on the clay mineral composition of sediments in the Neuse River estuary, North Carolina | 1974 | UNC Chapel Hill | M |
| Pevear, | D. R. | Clay mineral relationship in recent river, nearshore marine, continental shelf, and slope sediments of the southeastern U.S. | 1968 | Montana | D |
| Phillen, | O. D., Jr. | Relationships between surface charge density of layered silicates and competitive adsorption of two divalent organic cations | 1972 | North Carolina State | D |
| Phillips, | E. L., Jr. | The Salisbury ademetlite pluton, North Carolina | 1966 | UNC Chapel Hill | M |
| Phyfer, | D. W. | The geochemistry and petrology of the Day Book (NC) dunite | 1968 | South Carolina | M |
| Pickett, | T. E. | Stratigraphy of the Dan River Triassic basin in North Carolina | 1962 | UNC Chapel Hill | M |
| Pickett, | T. E. | The modern sediments of Pamlico Sound, North Carolina | 1965 | UNC Chapel Hill | D |
| Pierce, | J. W. | Recent stratigraphy and geologic history of the Core Banks region, North Carolina | 1964 | Kansas | D |
| Pike, | Jane E. N. | Petrology and genesis of the Webster-Addie ultramafic body (late Paleozoic-either Pennsylvanian or Permian) Jackson County, NC | 1968 | Michigan | M |
| Pogue, | J. E. | The Cid mining district of Davidson County, North Carolina: a region of ancient volcanic rocks | 1909 | Yale | D |
| Podluri, | R. R. | Petrology of Atlantic Coastal Plain phosphate deposits | 1971 | Georgia | M |
| Potter, | D. B. | High-alumina metamorphic rocks of the Kings Mountain district, North Carolina and South Carolina | 1954 | California Tech | D |
| Powers, | E. R. | Diatom biostratigraphy and paleoecology of the Miocene Pungo River Formation, North Carolina continental margin | 1987 | East Carolina | M |
| Powers, | J. A. | Mineralization and alteration associated with breccia pipe structures, Haw Branch copper deposit, Moore County, NC | 1985 | North Carolina State | M |
| Powers, | M. C. | Black Creek Cretaceous deposits along the Cape Fear River, North Carolina | 1951 | UNC Chapel Hill | M |
| Pratt, | F. P. | Marine geology of Long Bay | 1970 | Duke | M |
| Pratt, | T. L. | A geophysical investigation of a concealed granitoid beneath Lumberton, North Carolina | 1982 | VPI | M |
| Price, | E. H. | Stratigraphy, structure, and metamorphic history of the southern half of the Notley Dam quadrangle, Georgia-North Carolina | 1977 | Georgia | M |
| Price, | V., Jr. | Distribution of trace elements in plutonic rocks in the southeastern United States | 1969 | UNC Chapel Hill | D |
| Price, | V., Jr. | Ground water chemistry as a tool for geologic investigations in the southeastern Piedmont | 1967 | UNC Chapel Hill | M |
| Rackley, | R. I. | The geology of the Bean Mountain area | 1951 | Tennessee (Knoxville) | M |
| Rainey, | Laura | Study of Late Proterozoic Bakersville Suite: implications for Paleozoic meta. in portions of Blue Ridge thrust complex, western NC | 1989 | UNC Chapel Hill | M |
| Randazzo, | A. F. | Petrology and stratigraphy of the Carolina slate belt, Union County, North Carolina | 1968 | UNC Chapel Hill | D |
| Randazzo, | A. F. | The stratigraphy of the Wadesboro Triassic basin in North and South Carolina | 1965 | UNC Chapel Hill | M |
| Ray, | J. A. | Holcombe Branch and Democrat dunite bodies, Madison and Buncombe Counties, North Carolina | 1962 | North Carolina State | M |
| Renwick, | P. L. | Paleoecology of a floodplain lake in the Durham sub-basin of the Deep River basin (Late Triassic), North Carolina | 1988 | Emory | M |
| Reves, | W. D. | The clay minerals of the North Carolina Coastal Plain | 1956 | UNC Chapel Hill | M |
| Rice, | T. J., Jr. | Mineralogical transformations in soils derived from mafic rocks in the North Carolina Piedmont | 1981 | North Carolina State | D |
| Richardson, | R. O., Jr. | A petrographic study of the Murphy Marble and talc deposits at Murphy, North Carolina | 1973 | South Carolina | M |
| Richter, | D. M. | Periglacial features in the central Great Smoky Mountains | 1973 | Georgia | D |
| Robbins, | E. L. | Fossil Lake Danville: the paleoecology of a Late Triassic ecosystem on the North Carolina-Virginia border | 1982 | Pennsylvania State | D |
| Roberts, | S. A. | The geologic history of the post-Croatian (Pleistocene) sediments at the Lee Creek Mine, Beaufort County, North Carolina | 1981 | East Carolina | M |
| Robeson, | J. M., Jr. | A study of fossil pollen as found in peat from the Dismal Swamp area of Virginia and North Carolina | 1928 | Virginia | M |

| LAST | FIRST | TITLE | DATE | UNIVERSITY | DEG |
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| Rochina, | D. A. | Physiography and sedimentology of the "Outer Banks" between Cape Lookout and Ocracoke Inlet, North Carolina | 1958 | Kansas | M |
| Rona, | P. A. | A seismic & sedimentological investigation of the continental terrace, continental rise and abyssal plain off Cape Hatteras, NC | 1967 | Yale | D |
| Rooney, | T. P. | Mineralogical study of North Carolina phosphorite | 1965 | Columbia | D |
| Roska, | J. A. | Petrography and provenance of selected sandstones from the late Precambrian Ocoee Supergroup: Great Smoky Mountains, NC & TN | 1989 | UNC Chapel Hill | M |
| Roszbach, | T. J. | Lithostratigraphy and molluscan biostratigraphy of the River Bend Fm at the Martin Marietta Quarry, New Bern, NC | 1987 | UNC Chapel Hill | M |
| Rowe, | W. D., Jr. | The geology and geochemistry of the Goodes Creek and Hawkins Branch tin occurrences in the Inner Piedmont belt, NC | 1987 | Texas (Dallas) | D |
| Rush, | J. D. | Rare earth elements in wallrock and ore zone biotites and hornblendes, Ore Knob, North Carolina | 1973 | UNC Chapel Hill | M |
| Russell, | Merlin | Foraminiferal biostratigraphy of the Pollocksville and Haywood Landing Members of the Belgrade Formation, NC Coastal Plain | 1987 | UNC Chapel Hill | M |
| Ryan, | M. P. | Textural adjustments during regional metamorphism | 1973 | Michigan State | M |
| Saltzman, | D. | The Stone Mountain fault and the occurrence of radioactive minerals near Elk Mills, Carter County, Tennessee | 1965 | Tennessee (Knoxville) | M |
| Samani, | K. Z. | Geology of the Reed Gold Mine, Cabarrus County, North Carolina | 1978 | North Carolina State | M |
| Sand, | L. B. | Mineralogy and petrology of the residual kaolins of the southern Appalachians region | 1952 | Pennsylvania State | D |
| Sando, | T. W. | Trace elements in Hercynian granitic rocks of the southeastern Piedmont, U.S.A. | 1979 | UNC Chapel Hill | M |
| Sanford, | R. B., Jr. | Grain size reconnaissance of the Virginia-North Carolina inner shelf; analysis by settling technique | 1970 | Old Dominion | M |
| Sayyab, | A. S. | Petrology of some recent marine sediments off the North Carolina coast | 1954 | Indiana | M |
| Scarborough, | A. K. | Stratigraphy and petrology of the Pungo River Formation, central Coastal Plain of North Carolina | 1981 | East Carolina | M |
| Schedl, | A. D. | Role of the brittle-ductile transition in the mech. of detachment and motion of crystalline nappes (Alleghenian orogeny, NC) | 1986 | Michigan | D |
| Schiering, | M. H. | Petrology and geophysics of the Dark Ridge ultramafic body, Jackson County, North Carolina | 1979 | Kent State | M |
| Schmidt, | A. T. | Petrology of the Lilesville granite batholith aureole, Anson and Richmond Counties, North Carolina | 1972 | Florida | M |
| Schmitker, | D. F. | Upper Miocene foraminifera from near Grimesland, Pitt County, North Carolina | 1966 | UNC Chapel Hill | M |
| Scott, | R. C., Jr. | The geomorphic significance of debris avalanching in the Appalachian Blue Ridge Mountains | 1972 | Georgia | D |
| Sears, | P. C. | Evolution of Platt Shoals, northern North Carolina shelf: inferences from areal geology | 1973 | Old Dominion | M |
| Sexauer, | M. L. | The geology and origin of the pyrophyllite deposits in southwestern Granville County, North Carolina | 1983 | UNC Chapel Hill | M |
| Shaffer, | D. S. | Late-Quaternary paleoecologic, geomorphic, and paleoclimatic history of Flat Laurel Gap, Blue Ridge Mountains, NC | 1984 | Tennessee (Knoxville) | M |
| Shaffer, | P. R. | Erosion surfaces of the southern Appalachians | 1945 | Ohio State | M |
| Sharpe, | L. K. | The paragenesis of southern Jackson and Macon Counties, North Carolina | 1942 | Northwestern | D |
| Sharpe, | R. D. | Petrology, geochemistry, and metamorphic history of the Henson Creek dunite, Mitchell County, North Carolina | 1979 | Georgia | M |
| Shaw, | H. F., III | Samarium-neodymium & rubidium-strontium isotopic systematics of tekites & other impactites, Appal. mafic rocks & marine carbonates | 1984 | California Tech | D |
| Shearer, | R. D. | A cross section through the Triassic basin | 1927 | UNC Chapel Hill | M |
| Sheffy, | M. V. | A study of the Myricaceae from Eocene sediments of southeastern North America | 1972 | Indiana | D |
| Sherkarchi, | Ebrahim | The geology of the Flag-Pond quadrangle, Tennessee-North Carolina | 1959 | Tennessee (Knoxville) | D |
| Shew, | R. D. | Geology of the area between Fayetteville and Elizabethtown, North Carolina | 1979 | UNC Chapel Hill | M |
| Shope, | L. S. | Historical shoreline changes and modern sediment transport, Bogue Inlet to New River Inlet, North Carolina | 1980 | Bowling Green | M |
| Shumac, | K. M. | Composition of alluvial sands in a small, high relief drainage basin in the South Mountains of North Carolina | 1983 | North Carolina State | M |
| Siedlecki, | Mary | Trace-element analysis of the clay-silt fraction of the Pungo River Formation, North Carolina | 1983 | North Carolina State | M |

| LAST | FIRST | TITLE | DATE | UNIVERSITY | DEG |
|-------------|------------|--|------|----------------------|-----|
| Simmons, | W. B. | Mineralogy of South Georgia and North Carolina phosphorite | 1968 | Georgia | M |
| Simons, | J. H. | Detailed mapping of the Danbury gneiss and adjacent rocks, Sauratown Mountains, North Carolina | 1982 | UNC Chapel Hill | M |
| Sinea, | S. A. | A chemical and mineralogical study of the sapprolites of the Blue Ridge of Ashe County, North Carolina | 1975 | Miami (Ohio) | M |
| Singh, | Harinder | Diabase intrusions of a portion of the Durham Triassic basin, North Carolina | 1963 | UNC Chapel Hill | M |
| Singletary, | H. M. | The geology of the Mebane quadrangle, North Carolina | 1972 | North Carolina State | M |
| Sinha, | E. Z. | Geomorphology of the lower Coastal Plain from the Savannah River area, GA to the Roanoke River area, North Carolina | 1959 | UNC Chapel Hill | D |
| Sites, | R. S. | Structural analysis of the Petersburg lineament, central Appalachians | 1978 | West Virginia | D |
| Skean, | D. M. | Sediments in northern Core Sound, North Carolina | 1959 | UNC Chapel Hill | M |
| Slymaker, | S. C. | A plate tectonics model for the southern Appalachinas | 1974 | UNC Chapel Hill | D |
| Slowey, | A. H. | The effects of wind on beach erosion at Pea Island, North Carolina | 1971 | North Carolina State | M |
| Smeds, | R. C. | The geology of the northern half of the White Cross quadrangle, North Carolina | 1972 | UNC Chapel Hill | M |
| Smith, | A. B. | Paleoecology of the Trent Formation (lower Miocene: North Carolina) | 1958 | Michigan | M |
| Smith, | E. M., Jr. | Fractures in the Carolina slates and near-by areas in North Carolina | 1951 | UNC Chapel Hill | M |
| Smith, | S.L.R. | Predictive geomorphic criteria for recognizing the presence and behavior of faults in the Atlantic Coastal Plain | 1983 | North Carolina State | M |
| Snider, | F. G. | Analysis of mag. & chem. data from Mesozoic diabase dikes of the Appalachians with implications for the presence of a Triassic hotspot | 1975 | Wesleyan, (Conn.) | M |
| Snipes, | D. S. | Stratigraphy and sedimentation of the Middendorf Formation between the Lynches River, SC and the Ocmulgee River, GA | 1965 | UNC Chapel Hill | D |
| Snyder, | J. F. | Gravity study of Rowan County, North Carolina | 1963 | North Carolina State | M |
| Soller, | D. R. | The Quaternary history and stratigraphy of the Cape Fear River valley, North Carolina | 1984 | George Washington | D |
| Solliday, | J. R. | Neogene biostratigraphy along the lower Neuse River, North Carolina | 1962 | Houston | M |
| Soper, | D. A. | Application of wrench-fault tectonics in the Carolina slate belt of south-central North Carolina | 1974 | Florida | M |
| Sorrentio, | A. V. | Yorktown cerioporids from Colerain Beach-Globular Cyclostome bryozoans in Pliocene-? Miocene shelly sands, Chowan River ne, NC | 1977 | Pennsylvania State | D |
| Spanjers, | R. P. | Lineament and fracture analysis of three molybdenite-bearing granitic plutons in the eastern Piedmont of North Carolina | 1983 | North Carolina State | M |
| Stafford, | D. B. | Development and evaluation of a procedure for using aerial photographs to conduct a survey of coastal erosion | 1968 | North Carolina State | D |
| Stagg, | J. W. | Petrology of the basal conglomerate of the Triassic Pekin Formation, Sanford sub-basin, North Carolina | 1984 | UNC Chapel Hill | M |
| Stanczuk, | Dennis | Effects of development on barrier island evolution: Bogue Banks, North Carolina | 1975 | Duke | M |
| Stanley, | L. G. | A eugeosynclinal orthoquartzite facies in the eastern slate belt rocks of Nash County, North Carolina | 1978 | North Carolina State | M |
| Staten, | W. T. | A chemical study of the silicate minerals of the Great Gossan Lead and surrounding rocks in southwestern Virginia | 1976 | VPI | M |
| Steel, | W. G. | Dikes of the Durham Triassic basin near Chapel Hill, North Carolina | 1949 | UNC Chapel Hill | M |
| Steele, | G. A., III | Stratigraphy and depositional history of Bogue Banks, North Carolina | 1980 | Duke | M |
| Steele, | K. F. | Chemical variations parallel and perpendicular to strike in the Mesozoic dolerite dikes, North and South Carolina | 1971 | UNC Chapel Hill | D |
| Stephens, | E. H. | Structure of the Rolesville batholith and adjacent metamorphic terrain in the east-central Piedmont, NC: geophysical perspective | 1988 | North Carolina State | M |
| Stephenson, | L. W. | The Cretaceous deposits of North Carolina | 1907 | Johns Hopkins | D |
| Stewart, | T. L. | Carbonate petrology and sedimentology of the Miocene Pungo River Formation, Onslow Bay, North Carolina continental shelf | 1985 | East Carolina | M |
| Stiles, | N. T. | Mass property relationships of sediments from the Hatteras abyssal plain | 1966 | American University | M |
| Stirewalt, | G. L. | Structural analysis of the Sauratown Mountain anticlinorium and the Brevard lithologic zone, North Carolina | 1970 | UNC Chapel Hill | D |

| LAST | FIRST | TITLE | DATE | UNIVERSITY | DEG |
|--------------|--------------|---|------|-----------------------|-----|
| Stonebraker, | J. D. | Potassium-argon geochronology of the Brevard fault zone southern Appalachians | 1973 | Florida State | D |
| Straley, | H. W., III | Some geomagnetic traverses in the Appalachian Mountains | 1938 | UNC Chapel Hill | D |
| Strange, | E. A. | The geochemistry of the Barber mafic complex, Rowan County, North Carolina | 1983 | Tennessee (Knoxville) | M |
| Stuckey, | J. L. | The prophyllite deposits of the Deep River region of North Carolina | 1924 | Cornell | D |
| Stuckey, | J. L. | Notes on the Triassic east of Chapel Hill | 1920 | UNC Chapel Hill | M |
| Sullivan, | J. G. | Chemistry and structural state of plagioclase feldspars from a differentiated dolerite dike (North Carolina) | 1972 | UNC Chapel Hill | M |
| Supplee, | J. A. | Geology of the Kings Mountain Gold Mine, Kings Mountain, North Carolina | 1986 | UNC Chapel Hill | M |
| Susman, | K. R. | Post-Miocene subsurface stratigraphy of Shackleford Banks, Carteret County, North Carolina | 1975 | Duke | M |
| Swe, | Win | Structural and stratigraphic relationships along the northwestern border of the Wadesboro basin of North Carolina | 1963 | UNC Chapel Hill | M |
| Swift, | D.J.P. | Origin of the Cretaceous Pee Dee Formation of the Carolina Coastal Plain | 1964 | UNC Chapel Hill | D |
| Syder, | J. F. | Gravity study of Rowan County, North Carolina | 1963 | UNC Chapel Hill | M |
| Szydlak, | S. J. | Sedimentary processes on the continental slope around Cape Hatteras | 1980 | South Florida | M |
| Tang, | Pei-Tau | Model study of sanitary landfill in North Carolina | 1980 | North Carolina State | M |
| Tarravechia, | R. J. | Hydrogeological evaluation of radon activities in groundwater from the Rocky Mount granite pluton, Rocky Mount, NC | 1989 | East Carolina | M |
| Taylor, | C. A., Jr. | Geol. and gravity of the northern end of the Inner Piedmont & Charlotte belts, Davie Co. Mesozoic basin and sur. area, central NC | 1982 | North Carolina State | M |
| Tenore, | K. R. | Some effects of the bottom substrates on the ecology of <i>Rangia cuneata</i> in the Pamlico River Estuary | 1967 | North Carolina State | M |
| Terlecky, | P. M. | The nature and distribution of oolites on the Atlantic continental shelf of the southeastern United States | 1968 | Duke | M |
| Teseneer, | R. L. | Selected trace elements in pyrite from the North Carolina slate belt | 1978 | North Carolina State | M |
| Tew, | K. H. | Quantitative geomorphological invest. of the Pre-Cretaceous erosion surface beneath the Inner Coastal Plain, NC | 1981 | North Carolina State | M |
| Thayer, | P. A. | Geology of the Dan River and Davie County Triassic basins, North Carolina | 1967 | UNC Chapel Hill | D |
| Thompson, | J. W., III | Groundwater resistivity investigation on Cape Hatteras Island, North Carolina, Outer Banks | 1980 | Miami (Ohio) | M |
| Tiety, | P. J. | Holocene sedimentation and evolution of the Great Lake area, North Carolina | 1981 | UNC Chapel Hill | M |
| Tilden, | J. E. | Certain trace elements among coexisting sulfide minerals in selected ore deposits of the southeastern United States | 1971 | North Carolina State | M |
| Tobiassen, | R. T. | Selected trace element analyses of whole rock and separated phosphate grains from the Miocene Pungo River Formation, NC | 1981 | UNC Chapel Hill | M |
| Trexler, | B. D., Jr. | Petrography, porosity, and hydraulic conductivity of the Castle Hayne aquifer, Castle Hayne, North Carolina | 1974 | North Carolina State | M |
| Trupe, | C.H., III | Microstructural analysis of mylonites from the Blue Ridge thrust complex, western North Carolina | 1989 | UNC Chapel Hill | M |
| Tucker, | D. R. | Abundance of Na, Mn, Cr, Sc, and Co in Holcombe Branch, NC (Madison and Buncombe Counties) ultramafic intrusion (Precambrian) | 1968 | Miami (Ohio) | M |
| Turner, | W. N. | The North Carolina Sandhills | 1949 | UNC Chapel Hill | D |
| Ung, | M. K. | Geology and economic appraisal of graphite deposits in Wake County | 1965 | North Carolina State | M |
| Unger, | H. E. | Geology of the Union copper deposit, Gold Hill district, central North Carolina | 1982 | UNC Chapel Hill | M |
| Upchurch, | C. N. | Geology of the southwest quarter of the Troy, North Carolina quadrangle | 1968 | North Carolina State | M |
| Upchurch, | M. L. | Petrology of the Eocene Castle Hayne limestone at Ideal Cement Quarry, New Hanover County, North Carolina | 1973 | UNC Chapel Hill | M |
| Ussler, | William, III | The rare earth element geochemistry of the Cranberry magnetite ores, Avery County, North Carolina | 1980 | UNC Chapel Hill | M |
| Valentine, | Page | Holocene ostracode zoogeography, Cape Hatteras reg., and climatic implication of a late Pleist. ostracode assembl. Norfolk, VA | 1970 | George Washington | M |
| Van Camp, | S. G. | Geochronology and geochemistry of cataclastic rocks from the Linville Falls Fault, NC | 1981 | UNC Chapel Hill | M |

| LAST | FIRST | TITLE | DATE | UNIVERSITY | DEG |
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| Van Gundy, | R. D. | Upper Cretaceous Foraminifera from a Pee Dee Formation outcrop, Scuffleton, North Carolina | 1983 | UNC Chapel Hill | M |
| Variashkin, | C. M. | Comparative petrography of intra- and extra-macrofossil sediment within Pleistocene to Cretaceous strata of the NC Coastal Plain | 1986 | East Carolina | M |
| Velbel, | M. A. | Geochemical aspects of rock weathering and saproliitization in the Blue Ridge of North Carolina | 1981 | Yale | D |
| Versput, | T. D. | Structure of the South Mountain State Park area, Burke County, North Carolina | 1980 | Southern Illinois | M |
| Vincent, | C. L. | Quantification of shoreline meandering | 1973 | Virginia | D |
| Vincent, | C. L. | Storms and erosion, Cape Hatteras, North Carolina | 1971 | Virginia | M |
| Vitz, | H. E. | Some Cretaceous ostracodes from North and South Carolina | 1938 | UNC Chapel Hill | M |
| Vliek, | P. J. | Effects of metamorphism and structure on aeromagnetic anomalies over the Carolina slate belt near Roxboro, North Carolina | 1979 | VPI | M |
| Wade, | W. J. | X-ray diffraction studies on the weathering of pyrophyllite deposits | 1979 | Vanderbilt | M |
| Wagner, | H. D. | Areal modal variation in the Farrington igneous complex, Chatham and Orange Counties, North Carolina | 1964 | UNC Chapel Hill | M |
| Walker, | C. H. | Comparative study of the Newark of North Carolina and New England | 1923 | UNC Chapel Hill | M |
| Walls, | R. A. | Dissolution kinetics of incompatible strontium and magnesium in carbonate skeletal material | 1973 | UNC Chapel Hill | M |
| Waltman, | M. R. | Petrology of the ore horizon and ore paragenesis at the Portis Mine, Franklin County, North Carolina | 1985 | UNC Chapel Hill | M |
| Wang, | Y. C. | Mylonitization and deformational history in the vicinity of the Cold Springs fault zone, Haywood County, North Carolina | 1979 | Wayne State | M |
| Wanger, | J. P. | Relationships among uranium, thorium, and other elements in igneous rock series from the Carolina Piedmont | 1972 | UNC Chapel Hill | M |
| Ward, | L. W. | Stratigraphic revision of the Middle Eocene, Oligocene and lower Miocene-Atlantic Coastal Plain of North Carolina | 1977 | South Carolina | M |
| Ward, | L. W. | Chronostratigraphy and molluscan biostratigraphy of the Miocene-Middle Atlantic Coastal Plain | 1980 | South Carolina | D |
| Waskom, | J. D. | Geology and geophysics of the Lilesville granite batholith, North Carolina | 1970 | UNC Chapel Hill | D |
| Waters, | V. J. | Foraminiferal paleoecology and biostratigraphy of the Pungo River Formation, southern Onslow Bay, NC, continental shelf | 1983 | East Carolina | M |
| Watkins, | J. H. | Origin of rock phosphate deposits of the southeastern States | 1942 | UNC Chapel Hill | D |
| Weant, | G. E., III | Airborne particulate production from feldspar processing (western North Carolina) | 1973 | North Carolina State | M |
| Wedemeyer, | R. C. | Geochemistry and geochronology of the Sims granite, Eastern Carolina slate belt, North Carolina | 1981 | East Carolina | M |
| Weigand, | P. W. | Major and trace element geochemistry of the Mesozoic dolerite dikes from eastern North America | 1970 | UNC Chapel Hill | D |
| Weigand, | P. W. | Structural control of metasomatism in the Albemarle area, North Carolina | 1969 | UNC Chapel Hill | M |
| Westbrook, | S. H. | Elemental distribution and variation in volcanic rocks from the western Carolina slate belt | 1977 | North Carolina State | M |
| Weston, | D. P. | Dist. of macrobenthic invertebrates on the NC continental shelf with consideration of sediment, hydrography and biogeography | 1983 | William & Mary | D |
| Weston, | D. P. | Distribution of macrobenthic mollusca and amphipoda in relation to a sharp thermal front: Cape Hatteras region, North Carolina | 1979 | William & Mary | M |
| Wheatley-Doyle | M. D. | Paleocene ostracodes from the Inner Coastal Plain of North Carolina | 1983 | Delaware | M |
| Whisman, | J. S. | Geology of the southeastern quarter of the Marion 15-minute quadrangle, North Carolina | 1975 | UNC Chapel Hill | M |
| Whitehead, | A. W. | Petrology of the Beaufort Formation (Paleocene) Lenoir-Craven County line, North Carolina | 1981 | UNC Chapel Hill | M |
| Whitehead, | J. W. | The petrology of the Sanford basin Triassic sediments, North Carolina | 1962 | Missouri | M |
| Whittington, | David | Mesozoic diabase dikes of North Carolina | 1988 | Florida State | D |
| Wickstrom, | C. W. | Geology of the eastern half of the Big Ridge quadrangle, North Carolina | 1979 | New Orleans | M |
| Wilcox, | R. E. | Metadolerite dike swarm in Bakersville-Roan Mountain area, North Carolina | 1958 | Columbia | D |
| Wilkins, | R. L. | Stratigraphy and structure of the Shady Dolomite, Linville Falls region, northern McDowell County, North Carolina | 1966 | North Carolina State | M |

| LAST | FIRST | TITLE | DATE | UNIVERSITY | DEG |
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| Wilkinson, | S. E. | The geology of the northeastern quarter of the Silk Hope quadrangle, Carolina state belt, North Carolina | 1978 | UNC Chapel Hill | M |
| Williams, | J. R. | A geochemical investigation of the metasomatized ultramafic bodies in the Winston-Salem quadrangle, NW NC-SW VA | 1979 | Miami (Ohio) | M |
| Wilson, | D. C. | Ocean tidal loading in southeastern United States | 1978 | VPI | M |
| Wilson, | F. A. | Geophysical and geologic studies in southern Mecklenburg County and vicinity, North Carolina and South Carolina | 1981 | George Washington | D |
| Wilson, | J. R. | An x-ray fluorescence study of trace element dist. in metamorphic rocks & potential economic mineralization, Hunt Dale, NC | 1973 | Tennessee (Knoxville) | M |
| Wilson, | N. F. | Barrier island morphology at Rodanthe, North Carolina | 1973 | Virginia | M |
| Wilson, | T. M. | Groundwater yields and availability in fractured crystalline rocks, Wake County, North Carolina | 1982 | North Carolina State | M |
| Witherspoon, | R. R. | Geology of the western half of the Big Ridge quadrangle, North Carolina | 1982 | New Orleans | M |
| Witner, | T. W. | Sedimentology of the lower Chowan River, North Carolina | 1984 | UNC Chapel Hill | M |
| Womack, | B. A. | Application of geophysical methods to exploration of the Carolina bays | 1981 | North Carolina State | M |
| Wood, | J. H. | Barrier island field studies for high school students on the Outer Banks of North Carolina | 1974 | Virginia State | M |
| Woodas, | N. A. | Some lithologic and stratigraphic aspects of selected outcrops and Pliocene formations of North Carolina | 1965 | UNC Chapel Hill | M |
| Wooten, | M. W. | Stratigraphy, structure, and metamorphism in portions of the Hayesville and Hiwassee 7.5' quadrangles, North Carolina | 1980 | Georgia | M |
| Workman, | R. R. Jr. | Foraminiferal assemblages of the nearshore inner continental shelf, Nags Heads and Wilmington areas, North Carolina | 1981 | East Carolina | M |
| Wright, | J. E. | Geology of the Carolina slate belt in the vicinity of Durham, North Carolina | 1974 | VPI | M |
| Wright, | P. J. | Underfit meanders of the French Broad River, North Carolina | 1942 | Columbia | M |
| Wright, | T. O. | Sedimentation and geochemistry of surficial material, Ocracoke island, Cape Hatteras, North Carolina | 1971 | George Washington | M |
| Wright, | T. O. | Sedimentary geochemistry of central Pamlico sound, North Carolina | 1974 | George Washington | D |
| Wylie, | A. S., Jr. | Structural and metamorphic geology of the Falls Lake area, Wake County, North Carolina | 1984 | North Carolina State | M |
| Yau, | D. M. | Stratigraphy and micropaleontology of some Middle Cretaceous rocks in North Carolina Coastal Plain | 1983 | Delaware | M |
| York, | Linda | Ammonostratigraphy of Stetson Pit and Ponzer areas of North Carolina by Pleistocene Mollusk analysis | 1985 | Delaware | M |
| Young, | S. W. | Petrography of Holocene fluvial sands derived from regional metamorphic source rocks | 1975 | Indiana | D |
| Zablocki, | F. S. | A gravity study in the Deep River-Wadesboro Triassic basin of North Carolina | 1959 | UNC Chapel Hill | M |
| Zarra, | Larry | Oligocene foraminiferal biostratigraphy of North Carolina | 1988 | Delaware | M |
| Zastrow, | M. E. | Stratigraphy and depositional environments of the Black Creek Formation along the Neuse River, North Carolina | 1982 | UNC Chapel Hill | M |
| Zickus, | T. A. | Landsat imagery as a tool in locating high yield wells in a crystalline rock area of the west-central Piedmont of NC | 1981 | North Carolina State | M |
| Zmoda, | A. J. | Geochemistry of volcanic rocks from the Grandfather Mountain Window, northwestern North Carolina | 1987 | UNC Chapel Hill | M |

| Last | First | Title | Date | University | Deg |
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| Adams, | M. G. | The Geology of the Valle Crucis Area, northwestern North Carolina | 1990 | UNC Chapel Hill | M |
| Bisce, | J. A. | Sedimentation in University Lake, Orange County, North Carolina | 1991 | UNC Chapel Hill | M |
| Brunbeck, | V. J. | A metamorphic and structural transect in the central Blue Ridge, Jackson and Macon Counties, North Carolina | 1990 | Tennessee | M |
| Cobain, | D. W. | Petrology and tectonic history of the western Colon Cross-Structure, Chatham County, North Carolina | 1990 | UNC Chapel Hill | M |
| Dominey, | Jerry | Benthonic foraminiferal paleoecology of the Yonkown Formation, Edgecombe County, North Carolina | 1983 | Tulane | M |
| Harrison, | J. L. | Shallow subsurface stratigraphy of Shackelford Banks, North Carolina | 1977 | Duke | M |
| Herbert, | J. R. | Post-Miocene stratigraphy and evolution of northern Core Banks, North Carolina | 1978 | Duke | M |
| Hoff, | J. L. | The petrography of the Blowing Rock Gneiss, Grandfather Mountain Window, North Carolina | 1982 | Duke | M |
| Hu, | L. N. | Petrology and depositional cycles of subsurface Triassic Cumrock Formation of the Sanford Sub-Basin, North Carolina | 1991 | UNC Chapel Hill | M |
| Jago, | W. K. | Geochemical assessment of acid drainage in the Blue Ridge Province of Tennessee and North Carolina | 1989 | Tennessee | M |
| Mccam, | Steve | Petrology of modern stream sands and Upper Triassic sandstones in the eastern Pied. of NC: a clue to paleoclimatic interpretation | 1980 | Southern Illinois | M |
| McConnell, | K. I. | Geology and geochronology of the Seuratown Mountain Anticlinorium, Northwestern North Carolina | 1990 | South Carolina | D |
| Mies, | J. W. | Structural and petrologic studies of mylonite at the Greenville Basement-Ashle Fm. boundary, Grayson County, Va. to Mitchell County, N.C. | 1990 | UNC Chapel Hill | D |
| Miller, | W.C.III | Paleosynecologic history of the Middle Pleistocene Flanner Beach Fm. in Eastern NC: a study in community replacement | 1984 | Tulane | D |
| Phelps, | D. C. | Heavy mineral dispersal on the Northern North Carolina Continental Shelf | 1979 | Duke | M |
| Quinn, | M. J. | Two lithotectonic boundaries in western NC: geologic interpretation of a region surrounding Sylva, Jackson County | 1991 | Tennessee | M |
| Sarle, | L. L. | Processes and resulting morphology of sand deposits within Beaufort Inlet, Carteret County, North Carolina | 1977 | Duke | M |
| Schmuck, | E. A. | Diapirism, gas hydrates and mass movement: their relationship at the head of the Cape Fear Slide, Offshore North Carolina | 1991 | UNC Chapel Hill | M |
| Vrona, | J. P. | Structure of the Newdale ultramafite, Yancey County, North Carolina | 1979 | Southern Illinois | M |
| Walker, | J. D. | The sedimentology & stratigraphy of the Chilhowee Group (Uppermost Proterozoic to Lower Cambrian) of E. Tenn. and W. North Carolina | 1990 | Tennessee | D |
| Walker, | K. A. | Geochemistry and trace-element models for the petrogenesis of the mafic rocks in the Hayesville Thrust Sheet, Ga.-NC Blue Ridge | 1990 | Tennessee | D |
| Woods, | D. M. | The paleoecology of Creidula (Gastropoda), James City Formation (Pleistocene), North Carolina | 1987 | Tulane | M |
| York, | L. L. | Amniotestratigraphy of U.S. Atlantic coast Pleistocene deposits, Maryland continental shelf and North and South Carolina Coastal Plain | 1990 | Delaware | D |