Curriculum Vitae for Michael M. Kimberley
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Personal Information

Full Name: Michael Murray Kimberley Position: Associate Professor
University Address: Room 2138, Jordan Hall
Dept. of Marine, Earth, and Atmospheric Sciences
Box 8208, North Carolina State University
Raleigh, NC 27695-8208
University Telephone: 919-515-7831 (FAX 919-515-7802)
University E-mail: kimberley@ncsu.edu
Home Address and Telephone: 1505 Bloomingdale Drive, Cary, NC 27511
Home Telephone: 919-469-2692
Home E-mail: mkimberley@earthlink.net
Date and Place of Birth: October 15, 1946 in Kingston, Ontario, Canada
Citizen of the U.S.A.
Wife's Name: Susan J. Kimberley (also a geologist)
Children: Catherine (27 years), Lauren (24 years), Anne (18 years)

Academic History

Ph.D. in June, 1974, from Dept. of Geological and Geophysical Sciences, Princeton University, Princeton, NJ
Honours B.Sc. in June, 1969, from Dept. of Geology, University of Western Ontario, London, Canada

Full-time Academic Appointments

1980 - present	Associate Professor, North Carolina State University
1979 - 1980	Visiting Assistant Professor, N. C. State University
1974 - 1979	Assistant Professor, University of Toronto
1973 - 1974	Lecturer, University of Toronto

Industrial Appointments

Summer, 1971	Research geologist, Acerias Paz del Rio in Colombia
Summer, 1970	Research geologist, Falconbridge Dominica, Dom. Rep.
Summer, 1969	Senior assistant geologist, American Metals Climax (AMAX) in northern British Columbia and the Yukon
Summer, 1968	Senior assistant geologist, Gulf Oil Co., Quebec
Summer, 1967	Research assistant, Univ. Western Ontario, Canada
Summer, 1966	Chief assayer, Pickle Crow Gold Mine, Canada
Summer, 1965	Mill assistant, Pickle Crow Gold Mine, Canada

Affiliation to Professional Societies
Registered geologist #186 of North Carolina
Registered geoscientist #397 of Texas
Geochemical Society, Geological Society of America
Society of Sedimentary Geologists
American Geophysical Union, Carolina Geological Society

International Appointments
Adjunct Professor at the Instituto Universitario de Tecnologia del Mar (IUTEMAR), Venezuela, 1994 - present. Dr. Kimberley has made 26 field trips to Venezuela, from 1988-2005.
Associate editor of Chemical Geology, an Elsevier journal, 1976-1989
Associate editor of Uranium, an Elsevier journal, 1981-1988
U.S. National Chairman and Convener of Unesco International Geological Correlation Programme Project 157 (Early Organic Evolution and Mineral and Energy Resources), 1981 - 1991
Member of IGCP projects 160 and 277

Current Appointments (above dept. level)
Fellow of the Geological Society of America, since 1995
Member of the NCSU Honors Faculty, since 2001
Member of the NCSU GIS Faculty, since 2001
Adjunct advisor of the NCSU Japan Center, since 1994
Member of NCSU Environmental Sciences faculty, since 1994
Faculty advisor for NCSU ice hockey, since 1993

Past Appointments (above dept. level)
Member of the advisory committee, MDS Master of Arts in Liberal Studies, 1994-1997 and 2000-2003 {admissions officer in both terms}
Member of the NCSU Council on Athletics, 1999-2002
Faculty advisor for NCSU Track and Field, 1999-2002
Member of the NCSU Gender Equity Committee, 1999-2002
Member of NCSU graduate student language review committee, 1996-2004
Member of NCSU Merit Scholarship Review committee, 1996-2000
Member of the PAMS Committee on Instructional Telecommunications, 2000-2003
Member of the NC Education and Industry Committee for Earth Sciences, 1998-99
Director of MEAS Field Camp in New Mexico, 1980, 1981, 1984
Member of the UNC System Field Camp Staff in NM, 1998, 1999, 2001, and 2003
Member of the Organizing Committee for the 2001 SE Geological Society of America Annual Meeting, in Raleigh.
Coordinator and Chief Scientist for the 1983 Graduate Training Cruises of the Duke-UNC Marine Consortium (10 days on R/V Cape Hatteras)
Director of Field Camp in Quebec for the Univ. of Toronto, 1974-1978
Co-ordinator of the third Mineralogical Association of Canada Short Course, l978 ($60,000 budget; 300 attendees)
Secretary of Robinson Fund, Geological Asso. of Canada, 1977-1979.

Current Marine, Earth & Atmospheric Sciences (MEAS) Departmental Committees
Faculty advisor for MEAS geology club (SME-SEG chapter), since 1980
Member of MEAS Committee on Undergraduate Curriculum and Programs

Previous Marine, Earth & Atmospheric Sciences (MEAS) Departmental Committees
Member of Education Technology Fund (ETF) Committee
Member of Space Committee

Facility with Foreign Languages
Fluent in: French and Spanish. Scientific lectures have been delivered (without notes) in both languages at foreign conventions.
Reading knowledge of most other European languages and Japanese.

Scholarships and Awards
1994 Keynote speaker for the Japanese Society of Resource Geologists
1994 Outstanding faculty advisor for any sport at NCSU (ice hockey)
1969-1973 $20,000. Princeton University Fellowship
1969 Governor's gold medal in Geology, University of Western Ontario.
1968 Kennecott Scholarship at Univ. of Western Ontario. ($1000)
1964 Royal Canadian Institute Scholarship (34 awarded nationally)

Research Grants Received

Year	Granting Agency	Amount Received Clear of Overhead Deductions
1973-79	University of Toronto	$ 13,000
1974	National Research Council of Canada	3,975
1975	Rio Algom Mining Company (Archean iron formations)	2,755
1975	National Research Council of Canada	5,800
1976	National Research Council of Canada	7,000
1976	Connaught Grant (neutron activation lab)	18,654
1977	National Research Council of Canada	8,150
1978	Federal Department of Energy, Mines and Resources (trace elements in pyrite)	5,500
1978	National Research Council of Canada	11,300
1978	Province of Ontario (uranium geochemistry)	9,900
1979	Province of Ontario (uranium geochemistry)	2,600
1979	National Research Council of Canada	12,500
1980	Sun Oil Company (gold geochemistry)	20,000
1981	N.C. Marine Science Council	5,000
1981	NCSU (neutron activation)	13,000
1982	Water Resources Research Inst (Hg geochem)	7,195
1982	N.C. Board of Science and Technology (groundwater geochemistry)	10,000
1982	U.S. Dept. of Energy (radioactive fluids)	2,000
1982	N.S.F. through S. Riggs (phosphorite geochemistry)	1,500

1982	NCSU Nuclear Engineering RA (research. asst.)	6,000
1983	U.S. Dept. of Energy (radioactive fluids)	1,000
1983	Exxon Foundation (microcomputer development)	17,000
1983	NCSU Nuclear Engineering RA (research. asst.)	6,000
1984	Water Resources Research Institute (groundwater geochemistry)	8,000
1984	Water Resources Research Institute (groundwater geochemistry)	9,900
1984	NCSU Nuclear Engineering RA (research. asst.)	7,000
1985	NCSU Provost's Educational Grant	1,300
1985	IGCP through USGS (paleosols)	2,500
1985	NCSU Nuclear Engineering RA (research. asst.)	7,000
1986	IGCP through USGS (paleosols)	3,500
1986	NCSU Nuclear Engineering RA (research. asst.)	8,000
1987	IGCP through USGS (paleosols)	2,000
1987	NCSU Nuclear Engineering RA (research. asst.)	8,000
1988	IGCP through USGS (paleosols)	3,500
1988	NCSU Nuclear Engineering RA (research. asst.)	9,000
1988	Deutsche Forschungsgemeinschaft	1,200
1989	IGCP through USGS (paleosols)	1,200
1989	NCSU Nuclear Engineering RA (research. asst.)	9,000
1990	IGCP through USGS (paleosols)	2,000
1990-93	National Science Foundation (Venezuela coast)	44,435
1994	Tohoku University, the University of Tokyo, the Japanese Society of Resource Geologists, the Japanese Power Nuclear Reactor Corporation, and the NCSU Japan Center (travel to Japan)	5,000
2001-02	DELTA (NCSU Distance Education, Learning Technology)	3,975
2006-07	DELTA (NCSU Distance Education, Learning Technology) (production of “Discussing Earth”)	14,000
2007-08	DELTA (NCSU Distance Education, Learning Technology) (production of “Discussing Oceans”)	15,000

Graduate Students Supervised as Principal Advisor

Abu-Jaber, N.	Ph.D. at NCSU
Bellis, B.	M.S. at NCSU
Becker, M.	M.S. at NCSU
Clark, L.	M.S. at NCSU
Dolfi, R.M.	M.S. at NCSU
Euliano, M.	M.S. at NCSU
Hunsberger, G.	M.S. at NCSU
Liddle, S.K.	M.S. at NCSU
Martinez-G., G.	M.S. at NCSU
Niederreither, M.	M.S. at NCSU
Siedlecki, M.T.	M.S. at NCSU
Farr, M.R.	M.Sc. at the University of Toronto

Sorbara, J.P.	M.Sc. at the University of Toronto
Tanaka, R.T.	M.Sc. at the University of Toronto
Witt, A.C.	M.S. at NCSU

Graduate Students Supervised as Auxiliary Advisor

Elsenbeer, H.	Ph.D. at NCSU (in Soil Science)
Ballsieper, J.	M.S. at NCSU
France, N.	M.S. at NCSU
Garcia-Frank, A.	Ph.D. at Universidad Complutense de Madrid
Goodnight, D.	M.S. at NCSU
Gower, G.J.	M.S. at NCSU
Hopkins, K.	M.S. at NCSU in Civil Engineering
Kuehl, S.A.	M.S. at NCSU
Ledford-Hoffman, P.	M.S. at NCSU
McKee, B.	M.S. at NCSU
Payne, R.A.	M.S. at NCSU
Pearce, M.J.	Ph.D. at NCSU (in Chemistry)
Son, K.	Ph.D. at NCSU
Tshering, T.	M.S. at NCSU (in Chemistry)
Shegelski, R.J.	Ph.D. at the University of Toronto
Green, A.H.	Ph.D. at the University of Toronto
Moore, D.W.	M.Sc. at the University of Toronto
Scribbins, B.	M.Sc. at the University of Toronto
Waywanko, A.O.	M.Sc. at the University of Toronto
Gall, Q.	Ph.D. at Carleton University (Ottawa, Canada)

Graduate Students Advised for Master of Arts in Liberal Studies (MALS) Program, NCSU

Atkins, Ron	M.A.L.S
Harding, Robert	M.A.L.S.
Berger, Celia-Ann	M.A.L.S.
Edwards, Briece R.	M.A.L.S.
Ennis, Gilda	M.A.L.S.
McCarty, Billy W.	M.A.L.S.
Pessolano, Loren P.	M.A.L.S.
Savage, Ricky	M.A.L.S.
Shvueli, Anat R.	M.A.L.S.
Slutak, Dennis	M.A.L.S.
Starr, Gwen	M.A.L.S.
Thorne, Terry L.	M.A.L.S.
Wilkinson, Robert	M.A.L.S.

Publications in Refereed Journals and Books

Kimberley, M.M., in prep., Discussing Oceans (ISBN 978-0-470-391778) Wiley and Sons, NY, about 300 p., plus a DVD (in jacket cover).
Kimberley, M.M., 2008, Discussing Earth (ISBN 978-0-470-185018) Wiley and Sons, NY, 356 p., plus a DVD (in jacket cover).

Kimberley, M.M. and Abu-Jaber, N., 2005, Shallow perched groundwater, a flux of deep CO_2, and near-surface water-rock interaction in northeastern Jordan: an example of positive feedback and Darwin's "warm little pond": Precambrian Research, v. 137, p. 273-280.
Kimberley, M.M., 2005**,** Dynamic Earth: Chemistry: (ISBN 0-471-70688-4) Wiley and Sons, NY, 369 p., plus a DVD (in jacket cover).
Kimberley, M.M., 2002, Dynamic Earth: Japan (ISBN 0-471-28091-7): Wiley and Sons, NY, 410 p., plus a CD (in jacket cover)**.**
Kimberley, M.M., 2000, The use of Sino-Japanese characters to identify locations on figures: Computers & Geosciences, v. 26, p. 603-605.
Kimberley, M.M. and Kimberley, S.J., 2000, The Dynastic Earth, Wiley and Sons, ISBN 0-471-35884-3, 352 p., plus a CD (in jacket cover).
Kimberley, M.M. and Kimberley, S.J., 1999, Making Earth: an Interactive Guide to the Planet, 4th ed., Wiley and Sons, ISBN 0-471-36068-6, 306 p.
Kimberley, M.M., 1996, Japanese-to-English translation of "Origin of the Japanese Islands" by Asahiko Taira, published (in electronic format) by The Quadrangle Books, Raleigh, NC, 226 p.
Kimberley, M.M. and Kimberley, S.J., 1995, Making Earth: an interactive guide to the planet, 3rd ed.: John Wiley and Sons, New York, 0-471-12073-1, 306 p.
Kimberley, M.M., 1994, Debate about ironstone: Has solute supply been surficial weathering, hydrothermal convection, or exhalation of deep fluids? Terra Nova, v. 6, p. 116-132.
Kimberley, M.M., 1993, Geotheology: Terra Nova, v. 5, p. 511-513.
Kimberley, M.M., Niederreither, M.S., and Llano, M., 1993, Effect of marine currents, tides, wind, and Pleistocene sea-level changes on sedimentation in the Margarita-Araya region of Venezuela: Memoria de la Sociedad de Ciencias Naturales La Salle, Venezuela, v. 48, supplement no. 3 (nominal date of 1988), p. 125-154.
Abu-Jaber, N.S. and **Kimberley**, M.M., 1992, Origin of ultramafic-hosted magnesite on Margarita Island, Venezuela: Mineralium Deposita, v. 27, p. 234-241.
Abu-Jaber, N.S. and **Kimberley**, M.M., 1992, Origin of ultramafic-hosted vein magnesite deposits: Ore Geology Reviews, v. 7, p. 155-191.
Kimberley, M.M. and Holland, H.D., 1992, Introduction to Precambrian weathering and paleosols, p. 9-13 in: Schidlowski, M., Kimberley, M.M. et al., (eds.) Early organic evolution: Springer-Verlag, Berlin.
Kimberley, M.M., 1992, Significance of Precambrian paleosols, p. 115-129 in: Schidlowski, M., Kimberley, M.M. et al., (eds.) Early organic evolution: Springer-Verlag, Berlin.
Kimberley, M.M. and Kimberley, S.J., 1992, Guide for the dynamic earth, 2nd ed.: John Wiley and Sons, New York, 327 p.
Kimberley, M.M. and Llano, M., 1991, Structural lineaments in the Margarita-Araya region of Venezuela: Boundaries of ecologic environments: Memoria de la Sociedad de Ciencias Naturales La Salle, Venezuela, v. 51, p. 25-41.
Llano, M., Cardenas, J., Mayz, L., Guevara, P., Armas, A., Freon, P., **Kimberley**, M. and Abu-Jaber, N., 1991, Elementos biogenicos de los sedimentos de la fosa de Cariaco y los recursos icticos del nororiente venezolano: Memoria de la Sociedad de Ciencias Naturales La Salle, v. 51, p. 57-71.
Kimberley, M.M., 1990, A hand-operated, 180o rotating-scoop sediment sampler: Continental Shelf Research, v. 10, p. 1157-1169.
Kimberley, M.M., 1989a, Nomenclature for iron formations: Ore Geology Reviews, v. 5, p 1-12.
Kimberley, M.M., 1989b, Exhalative origins of iron formations: Ore Geology Reviews, v. 5, p. 13-145.

Kimberley, M.M.,1989c, Fitting a logarithmic spiral to the shoreline of a headland-bay beach: Computers & Geosciences, v.15, p. 1089-1108.
Kimberley, M.M., 1989d, Cross-sections and volume measurement of stratigraphic units, p. 161-169 in: Hanley, J.T. and Merriam, D.F., eds., Microcomputer applications in geology, v. 2, Pergamon Press, Oxford, 303 p.
Kimberley, S.J. and **Kimberley**, M.M., 1989, Guide for the dynamic earth, 1st ed.: John Wiley and Sons, NY, 334 p.
Abu-Jaber, N.S., **Kimberley,** M.M., and Cavaroc, V.V., 1989, Mesozoic-Palaeozoic basin development within the eastern Mediterranean borderland: J. Petroleum Geology, v. 12, p. 419-436.
Kimberley, M.M. and Kimberley, S.J., 1987, Guide for physical geology: John Wiley and Sons, NY, 236 p.
Kimberley, M.M., 1986a, Geochemistry and structure of stratiform deposits with a portable microcomputer: Ore Geology Reviews, v. 1, p. 7-42.
Kimberley, M.M., 1986b, Sketching a cross section of folded terrain with a microcomputer, p. 165-187 in: J.T. Hanley and D.F. Merriam (eds.) Microcomputer Applications, v. 5, Pergamon Press, Oxford, 258 p.
Kimberley, M.M. and Grandstaff, D.E., 1986, Profiles of elemental concentrations in Precambrian paleosols on basaltic and granitic parent materials: Precambrian Research, v. 32, p. 133-154.
Grandstaff, D.E., Edelman, M.J., Foster, R.W., Zbinden, E., and **Kimberley**, M.M., 1986, Chemistry and mineralogy of Precambrian paleosols at the base of the Dominion and Pongola Groups (Transvaal, South Africa): Precambrian Research, v. 32, p. 97-131.
Retallack, G., Grandstaff, D.E., and **Kimberley**, M.M., 1984, The promise and problems of Precambrian paleosols: Episodes, v. 7, p. 8-12.
Kimberley, M.M., Grandstaff, D.E., and Tanaka, R.T., 1984, Topographic control on Precambrian weathering in the Elliot Lake uranium district, Canada: Jour. Geol. Soc. London, v. 141, p. 229-233.
Kimberley, M.M., 1983a. Ferriferous ooids, in: Peryt, T. (ed.) Coated grains, Springer-Verlag, Berlin, p. 100-108.
Kimberley, M.M., 1983b. Constraints on genetic modeling of Proterozoic iron formations, p. 227-235 in: Medaris, L. and Shanks, W. (eds.) Geological Society of America Memoir 161, 315 p.
Kimberley, M.M., 1981. Oolitic iron formations, p. 25-76 in: K.H. Wolf (ed.) Handbook of strata-bound and stratiform ore deposits, v. 9, Elsevier, Amsterdam, 771 p.
Kimberley, M.M., 1980a. The Paz de Rio oolitic inland-sea iron formation: Economic Geology, v. 75, p. 97-106.
Kimberley, M.M., 1980b. SOLVUS: A FORTRAN IV program to calculate solvi for binary isostructural crystalline solutions: Computers & Geosciences, v.6, p. 237-266.
Kimberley, M.M., Tanaka, R.T., and Farr, M.R., 1980, Composition of Middle Precambrian uraniferous conglomerate in the Elliott Lake-Agnew Lake area of Canada; Precambrian Research, v. 12, p. 375-392.
Kimberley, M.M., 1979a. Origin of oolitic iron formations: J. Sedimentary Petrology, v. 49, p. 111-131 and 1352-1353.
Kimberley, M.M., 1979b. Geochemical distinctions among environmental types of iron formations: Chemical Geology, v. 25, p. 185-212.

Kimberley, M.M., 1978. Paleoenvironmental classification of iron formations: Economic Geology, v. 78, p. 215-229.
Kimberley, M.M., 1978a. Origin of stratiform uranium rock, p. 339-38l in: M.M. Kimberley (ed.) Uranium deposits, their mineralogy and origin, Mineralogical Association of Canada Short-Course v. 3, 521 p.
Kimberley, M.M., 1978b. High-temperature uranium geochemistry, p. 101-104 in: M.M. Kimberley (ed.) Uranium deposits, their mineralogy and origin, Mineralogical Association of Canada Short-Course Volume 3, 521 p.
Kimberley, M.M. and Dimroth, E., 1976. Basic similarity of Archean to subsequent atmospheric and hydrospheric compositions as evidenced in the distributions of sedimentary carbon, sulfur, uranium, and iron, p. 579-586 in: B.F. Windley (ed.) The early history of the earth: Wiley-Interscience, London, 619 p.
Dimroth, E. and Kimberley, M.M., 1976. Precambrian atmospheric oxygen: evidence in the sedimentary distributions of carbon, sulfur, uranium, and iron: Canadian Journal of Earth Sciences, v. 13, p. 1161-1185.
Kimberley, M.M., 1974. Origin of iron ore by diagenetic replacement of calcareous oolite: Nature, v. 250, p. 319-320.

Symposium Publications and Technical Reports

Kimberley, M.M. and Bellis, B.J., 1985, Inorganic analysis of polluted ground water in the piedmont of North Carolina, in: Development and Testing of a Sequential Method for Assessing the Movement of Pollutants from Hazardous Waste Sites: North Carolina Water Resources Research Institute, Final Report for Project 70035, p. 6-1 to 6-56.
Kimberley, M.M., 1984, Neutron activation analysis: a prime pollution-monitoring technique: Proceedings of the 1984 Triangle Conference on Environmental Technology, Duke Univ., 7 p.
Kimberley, M.M., 1984, Neutron activation analysis of contaminated ground water: Proceedings of a Symposium on Managing Contaminated Ground Water: N.C. State University, 6 p.
Kimberley, M.M., Hunsberger, G., and Brown, H.S., 1984, Effects of pollution, sulfide-deposit weathering, and background weathering on the Rocky River drainage basin in North Carolina: Final Report for Project 70017, N.C. Water Resources Research Institute, 77 p.
Kimberley, M.M., 1983, Applicability of neutron-activation analysis in pollution-monitoring programs: Final Report for Project 3111, N.C. Board of Science and Technology, 41 p.
Kimberley, M.M., Brown, H.S., Zemmels, I., and Sandy, J., 1981, Gold analysis by combining fire assaying with neutron activation analysis: American Institute of Mining, Metallurgical and Petroleum Engineers (AIME) Preprint no. 81-43.
Kimberley, M.M., 1980, Geochemical signature of uranium deposits in the Elliot Lake Group of Canada: AIME Preprint no. 80-304.
Kimberley, M.M., 1978. Sedimentary iron and uranium deposits, p. 115-170, in: Ore deposits workshop 1978, University of Toronto Press, 331 p.
Kimberley, M.M., 1977. Iron formations and uranium deposits, p. 101-155, in: M.M. Kimberley (editor) Ore deposits workshop 1977, University of Toronto Press, 300 p.
Kimberley, M.M., ed., 1977. Radioactivity workshop volume, University of Toronto, 467 p.
Kimberley, M.M. 1976. Iron formations and uranium deposits, p. 98-162 in: M.M. Kimberley (ed.) Ore deposits workshop 1976, University of Toronto Press, 279 p.
Kimberley, M.M. and Sorbara, J.P., 1976. Post-Archean weathering of Steep Rock Group iron formation: Proceedings of the 1976 Geotraverse Conference, University of Toronto Press, p. 32-1 to 32-17.

Kimberley, M.M., 1975. Iron formation and uranium ore, p. 102-151 in: S.E. Kesler (ed.) Ore deposits workshop 1975, University of Toronto Press, 270 p.
Kimberley, M.M., 1975. Archean iron-formation and the early atmosphere: Proceedings of the 1975 Geotraverse Conference, University of Toronto Press, 5 p.

(C) **Refereed Abstracts**

Kimberley, M.M., 2002, Iron formations: why the mystery persists (abstr). Geological Society of America, Abstracts with Programs, v. 34, no. 6, p. 381.
Kimberley, M.M., and Llano, M., 2001, Boca Chica: A gypsum-precipitating anchialine pool in Margarita Island, Venezuela: Geological Society of America, Abstracts with Programs, v. 33, no. 2, p.51.
Kimberley, M.M., 2001, Surviving supersizing: Geological Society of America, Abstracts with Programs, v. 33, no. 2, p.47.
Kimberley, M.M., and Pfeifer, M.W., 2000, Quarry pits as flood reservoirs: accidental and intentional: Geological Society of America, Abstracts with Programs, v. 32, no. 2, p. A-30.
Kimberley, M.M., 1994, Origins of iron formations, uranium deposits, and Precambrian paleosols: Society of Resource Geologists (Tokyo, Japan), Annual Convention Program with Abstracts.
Kimberley, M.M., 1989, Modern ironstone due to seismic pumping in Venezuela: Geological Society of America, Abstracts with Programs, v. 21, no. 3, p. 24.
Kimberley, M.M. and Schrader, T., 1988, Holocene glauconitic grains on the shallow nearshore seafloor around Margarita island, Venezuela: Geological Society of America, Abstracts with Programs, v. 20, p. 274.
Kimberley, M.M., Abu-Jaber, N., and Llano G., M., 1988, Fate of Amazon-Orinoco nutrients: Biogenic silica and pigments off northeastern Venezuela: American Geophysical Union, Chapman Conference on the Amazon Dispersal System, Abstracts Volume, p. 22.
Kimberley, M.M., Abu-Jaber, N., and Llano G., M., 1988, Presencia de feopigmentos y silicatos ferriferos (glauconita) en los fangos verdes de los alredadores de Margarita: Congreso Iberoamericano y del Caribe, Abstracts Volume, p. 13.
Abu-Jaber, N. and Kimberley, M.M., 1988, Marine dispersal of suspended silt in the Orinoco plume by tree rootlets: Was silt dispersal from deltas different before trees appeared on Earth?: Geological Society of America, Abstracts with Programs, v. 20, p. 251.
Callahan, J.E. and Kimberley, M.M., 1988, Bryophytes (mosses): Gold accumulators under field and experimental conditions: Geological Society of America, Abstracts with Programs, v. 20, p. 256.
Kimberley, M.M., 1986, Did weathering on land or sea floor produce ironstone?: American Association of Petroleum Geologists Bulletin, v. 70, p. 606-607.
Kimberley, M.M. and Martin, J.W., 1986, Has pyritic peat been a precursor for glauconite on the Venezuelan seafloor?: Society of Economic Paleontologists and Mineralogists, Annual Midyear Meeting Abstracts, v. 3, p. 61.
Schrader, T.P. and Kimberley, M.M., 1986, Glauconite sedimentation around Margarita island, Venezuela: Society of Economic Paleontologists and Mineralogists, Annual Midyear Meeting Abstracts, v. 3, p. 99.
Kimberley, M.M., Jensen, L., Grandstaff, D.E., and Foster,R.F., 1985, Archean paleosol: Weathered Kinojevis basalt beneath fluvial Timiskaming sandstone: Geologial Society of America, Abstracts with Programs, v. 17, no. 7, p. 629.

Kimberley, M.M., 1985, Precambrian algal swamps: International Geological Correlation Programme Project 160, Program for Annual Symposium, Carleton University, Ottawa, Canada, p. 6.
Kimberley, M.M., Hunsberger, G.G., and Brown, H.S., 1985, Differentiation of mineral-deposit anomalies from pollution in central North Carolina: Geological Society of America, Abstracts with Programs, v. 17, no. 2, p. 98.
Kimberley, M.M., 1985, Sketching cross sections with a portable microcomputer: American Association of Petroleum Geologists Bulletin, v. 69, p. 273.
Kimberley, M.M., Dolfi, R.M., and Riggs, S.R., 1983, Measurement of early diagenetic oxidation of phosphorite based on U, Th, and REE: Geological Society of America, Abstracts with Programs, v. 15, no. 6, p. 613.
Clark, L.D., Kimberley, M.M., Grandstaff, D.E., and Edelman, M.J., 1983, Precambrian weathering horizons: Subproject 1 of IGCP 157: Geological Society of America, Abstracts with Programs, v. 15, no. 6, p. 545.
Edelman, M.J., Grandstaff, D.E., and Kimberley, M.M., 1983, Description and implications of two Early Precambrian paleoweathering profiles from South Africa: Geological Society of America, Abstracts with Programs, v. 15, no. 6, p. 565.
Kimberley, M.M. and Riggs, S.R., 1983, Grain-by-grain trace-element analysis of phosphorite in North Carolina: Geological Society of America, Abstracts with Programs, v. 15, no. 2, p. 100.
Dolfi, R. M. and Kimberley, M.M., 1983, Stratigraphic correlation by trace-element analysis in phosphorite of North Carolina: Geological Society of America, Abstracts with Programs, v. 15, no. 2, p. 100.
Kimberley, M.M., 1981. Development of Precambrian chemical sedimentation: Control by the rate of biological or tectonomagmatic evolution?: EOS, American Geophysical Union Transactions, v. 62, p. 419.
Kimberley, M.M., Farr, M.R., and Kimberley, S.J., 1980. Compositional variation in the Agnew Lake uranium deposit, Canada: Geological Society of American Abstracts with Programs, v. 12, no. 2, p. 45.
Kimberley, M.M., 1979. Evolutionary significance of Precambrian uranium deposits: Geological Association of Canada Program with Abstracts, v. 4, 61 p.
Kimberley, M.M., 1975. Alteration and replacement of Pleistocene oolite by leachate on north-western Andros Island, Bahamas: a modern analogue of ironstone origin: Geological Society of America Abstracts with Programs, v. 7, no. 6, p. 796-797.
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Courses Taught

The number of students taught over the past 15 years has averaged about 1200/year. Most of these have been students in introductory geology, but the courses have included senior and graduate levels of forensic geology, geochemistry, economic geology, computer applications, geographic information systems (GIS), and Caribbean geology. A new course on the presentation of environmental topics is being prepared for the Fall of 2008.

Course Description	**Level (Year)**	**Times Taught**
Introductory Geology	1	145
Introductory Laboratory (as coordinator)	1	12
Undergraduate Field Camp (as director)	3 + 4	8
Undergraduate Field Camp (as assistant)	3 + 4	3
Chemical and Physical Sedimentology	3	6
Historical Geology	2	1
Physical Geography	2	3
Thermodynamics for Geologists	3	1
Economic Geology	3	2
Economic Geology	4+grad	8
Earth/Environmental Science (for High School Teachers)	4 + grad	5
Forensic Geology	4 + grad	6
GIS for Geologists	4 + grad	3
Computer Applications	3 + 4	5
Computer Applications	grad	8
Graduate Field Camp (Venezuela)	grad	3
Geochemistry	grad	8
Aqueous Geochemistry	grad	5
Nuclear Geochemistry	grad	2

Caribbean Geology (for MDS)	grad	6