

UNIVERSITY AT ALBANY, STATE UNIVERSITY OF NEW YORK

Department of Earth and Atmospheric Sciences

Short CURRICULUM VITAE

WILLIAM S.F. KIDD

Education:

1969 B.A. in Natural Sciences (Geology), Cambridge University
1974 Ph.D., Cambridge University
(dissertation supervisor John F. Dewey; examining committee W.B. Harland, W.S. McKerrow)

Professional Experience:

1972-1973 Visiting lecturer in geology, Erindale College, University of Toronto
1974 Lecturer in Geology, Department of Geological Sciences, State University of New York at Albany
1975-1981 Assistant Professor, Department of Geological Sciences, State University of New York at Albany
1981-1998 Associate Professor, Department of Geological Sciences, State University of New York at Albany
1998-2010 Professor, Dept of Earth & Atmospheric Sciences, University at Albany, SUNY.
2011-present Emeritus Professor, University at Albany, SUNY.

Professional Societies:

American Geophysical Union
Geological Society of America

Visiting appointments

January-February 1986 Visiting Scientist, Lunar and Planetary Institute, Houston
March-June, 1986 Dept. of Geology, University of Durham, United Kingdom

Expeditions

Diving scientist - Tamayo Transform Fault-East Pacific Rise intersection ALVIN diving program (P.J. Fox, Chief Scientist) October-November 1979
Diving scientist - Oceanographer Transform-Mid-Atlantic Ridge tectonics -ALVIN diving program (P.J. Fox, Chief Scientist) May-June 1980
Scientist - Royal Society-Academia Sinica Geotraverse of Xizang-Qinghai (Tibetan) Plateau. May-August 1985 and September 1986
Geologist - INDEPTH II project; seismic profiling in Southern Tibet. May-June 1994; June-July 1995
Geologist - INDEPTH III project; geophysical profiling in central Tibet. July 1998; May-June 1999

Publications

- 1 J.M. Bird, J.F. Dewey, and W.S.F. Kidd, 1971. Appalachian-Caledonian ophiolites/Proto-Atlantic oceanic crust and mantle. *Nature Phys. Sci.*, **231**, 28-31.
- 2 K.C. Burke, W.S.F. Kidd, and J.T. Wilson, 1973. Plumes and concentric plume traces of the Eurasian plate. *Nature Phys. Sci.*, **241**, 128-129.
- 3 K.C. Burke, W.S.F. Kidd, and J.T. Wilson, 1973. Relative and latitudinal motion of Atlantic hot spots. *Nature*, **245**, 133-137.
- 4 J.F. Dewey and W.S.F. Kidd, 1974. Continental collisions in the Appalachian/Caledonian orogenic belt: style variations related to complete and incomplete suturing. *Geology*, **2**, 543-546.
- 5 K.C. Burke and W.S.F. Kidd, 1975. Earth - heat flow in; hot spots: article in *McGraw-Hill Encyclopedia Yearbook of Science and Technology 1975*, pp. 165-168.
- 6 K.C. Burke, J.F. Dewey, and W.S.F. Kidd, 1976. Dominance of horizontal movements, arcs and microcontinental collisions during the later Permian regime, pp. 113-130 in *The Early History of the Earth* (B.F. Windley, ed.), John Wiley & Sons, London.
- 7 K.C. Burke, J.F. Dewey, and W.S.F. Kidd, 1976. Precambrian palaeomagnetic results compatible with contemporary operation of the Wilson Cycle. *Tectonophysics*, **33**, 287-299.
- 8 K.C. Burke, J.F. Dewey, and W.S.F. Kidd, 1977. World distribution of sutures - the sites of former oceans, in *The Past Distribution of Continents* (M.W. McElhinny, ed.), *Tectonophysics*, **40**, 69-99.
- 9 J.F. Dewey and W.S.F. Kidd, 1977. Geometry of plate accretion. *Geol. Soc. Amer. Bull.*, **88**, 960-968.
- 10 W.S.F. Kidd, 1977. The Baie Verte Lineament, Newfoundland: ophiolite complex floor and mafic volcanic fill of a small Ordovician marginal basin, pp. 407-418 in *Island Arcs, Deep-Sea Trenches, and Back Arc Basins* (M. Talwani and W.C. Pitman, eds.), Maurice Ewing Series, **1**, Amer. Geophys. Union, Washington.
- 11 K.C. Burke and W.S.F. Kidd, 1978. Were Archean continental geothermal gradients much steeper than those of today? *Nature* **272**, 240-241.
- 12 W.S.F. Kidd, J.F. Dewey, and J.M. Bird, 1978. The Mings Bight Ophiolite Complex, Newfoundland: Appalachian Oceanic Crust and Mantle. *Canadian Journal of Earth Sciences*, **15**, 781-804.
- 13 K.C. Burke, L. Delano, J.F. Dewey, A. Edelstein, W.S.F. Kidd, K.D. Nelson, A.M.C. Sengor and J. Stroup, 1979. Rifts and Sutures of the World. Contract Report NAS 5-24094. Geophysics Branch, ESA Division, Goddard Space Flight Center, Greenbelt, Maryland, 238 pp.
- 14 R. Thiessen, K.C. Burke, and W.S.F. Kidd, 1979. African hotspots and their relation to the underlying mantle. *Geology*, **7**, 263-266.
- 15 A.M.C. Sengor and W.S.F. Kidd, 1979. Post-collisional tectonics of the Turkish-Iranian plateau and a comparison with Tibet. *Tectonophysics*, **55**, 361-376.
- 16 D.B. Rowley, W.S.F. Kidd, and L.L. Delano, 1979. Detailed stratigraphic and structural features of the Giddings Brook slice of the Taconic Allochthon in the Granville area. pp. 186-242, in Friedman, G.M. (ed.) *Guidebook, 51st N.Y. State Geol. Assoc. Ann. Mtg. and N.E.I.G.C., 71st Mtg.*, Rensselaer Poly. Inst., Troy, N.Y.

- 17 K.C. Burke and W.S.F. Kidd, 1980. Volcanism on Earth through time. pp. 503-522 in D. Strangway (ed.) *The continental crust of the Earth and its mineral deposits*, Geol. Assoc. Canada Spec. Publ. **20**.
- 18 K.C. Burke, W.S.F. Kidd, D.L. Turcotte, J.F. Dewey, P. Mougounis-Mark, E.M. Parmentier, A.M.C. Sengor and P.E. Tapponnier, 1981. Chapter 6 - Tectonics of Basaltic Volcanism, pp. 801-898 in W.M. Kaula (ed.) *Basaltic Volcanism on the Terrestrial Planets*, Pergamon, New York.
- 19 D.B. Rowley and W.S.F. Kidd, 1981. Stratigraphic relationships and detrital composition of the medial Ordovician flysch of western New England: implications for the tectonic evolution of the Taconic orogeny. *J. Geol.*, **89**, 199-218.
- 20 J.F. Casey and W.S.F. Kidd, 1981. A parallochthonous group of sedimentary rocks unconformably overlying the Bay of Islands Ophiolite Complex, North Arm Mountain, Newfoundland. *Can. J. Earth Sci.*, **18**, 1035-1050.
- 21 K. Burke, J.F. Dewey, W.S.F. Kidd, and A.M.C. Sengor, 1981. Continental collisions analogous to that forming the Qinghai-Xizang Plateau. pp. 743-746 in *Proceedings of Symposium on Qinghai-Xizang Plateau*, Vol. 1. Science Press, Beijing.
- 22 J.F. Dewey, M.J. Kennedy, and W.S.F. Kidd, 1983. A geotraverse through the Appalachians of Northern Newfoundland. pp. 205-241 in N. Rast and F.M. Delany (editors), *Profiles of Orogenic Belts*, Geodynamics Series, **10**, Amer. Geophys. Union, Washington.
- 23 D.G. Gallo, W.S.F. Kidd, P.J. Fox, J.A. Karson, K. Macdonald, K. Crane, P. Choukroune, M. Seguret, R. Moody, and K. Kastens, 1984. Tectonics of the intersection of the East Pacific Rise with Tamayo Transform Fault. *Mar. Geophys. Res.*, **6**, 159-185.
- 24 J.A. Karson, P.J. Fox, H. Sloan, K.T. Crane, W.S.F. Kidd, E. Bonatti, J.B. Stroup, D.J. Fornari, D. Elthon, P. Hamlyn, J.F. Casey, D.G. Gallo, D. Needham, and R. Satori, 1984. The geology of the Oceanographer Transform: The ridge-transform intersection. *Mar. Geophys. Res.*, **6**, 109-141.
- 25 K. Burke, W.S.F. Kidd, and T. Kusky, 1985. The Pongola structure of southeastern Africa, the world's oldest preserved rift? *J. Geodynamics*, **2**, 35-49.
- 26 K. Burke, W.S.F. Kidd, and T. Kusky, 1985. Is the Ventersdorp rift system of southern Africa related to a continental collision between the Kaapvaal and Zimbabwe cratons at 2.64 Ga ago? *Tectonophysics*, **115**, 1-24.
- 27 W.S.F. Kidd, L.L. Delano, and D.B. Rowley, 1985. Geologic compilation map and notes of mapping in Granville and Thorn Hill quadrangles, N.Y.-Vt. in D.W. Fisher, *Bedrock Geology of the Whitehall-Glens Falls region*. N.Y. State Museum and Science Service Map and Chart Series #35.
- 28 P.J. Fox, R.H. Moody, J.A. Karson, E. Bonatti, W.S.F. Kidd, K. Crane, D.G. Gallo, J.B. Stroup, D.J. Fornari, D. Elthon, P. Hamlyn, J.F. Casey, D. Needham, and R. Satori, 1985. The geology of the Oceanographer Transform: the transform domain. *Mar. Geophys. Res.* **7**, 329-358.
- 29 W. Bosworth and W.S.F. Kidd, 1985. Thrusts, melanges, folded thrusts and duplexes in the Taconic foreland. pp. 117-147 in *New York State Geologists Assoc. Guide to field trips, 57th Ann. Mtg.*, Skidmore Coll. 28-29 September 1985.
- 30 J.F. Dewey, M.R. Hempton, W.S.F. Kidd, F. Saroglu, and A.M.C. Sengor, 1986. Shortening of continental lithosphere: the Neotectonics of Eastern Anatolia - a young collision zone. pp. 3-36 in Coward, M.P., and Ries, A.C., (eds). *Collision Tectonics*. Geol. Soc. London Spec. Publ. **19**.
- 31 Chang Chenfa, Chen Nansheng, M.P. Coward, Deng Wangming, J.F. Dewey, A. Gansser, N.B.W. Harris, Jin Chengwei, W.S.F. Kidd, M.R. Leeder, Li Huan, Lin Jinlu, Liu Chengjie, Mei Houjun, P. Molnar, Pan Yun, Pan

- Yusheng, J.A. Pearce, R.M. Shackleton, A.B. Smith, Sun Yiyin, M. Ward, D.R. Watts, Xu Juntao, Xu Ronghua, Yin Jixiang, Zhang Yuquan, 1986. Preliminary conclusions of the Royal Society and Academia Sinica 1985 Geotraverse of Tibet. *Nature*, **323**, 501-507.
- 32 K. Burke, W.S.F. Kidd, and T. Kusky, 1986. Archean foreland basin tectonics in the Witwatersrand, South Africa. *Tectonics*, **5**, 439-456.
- 33 T.M. Kusky, W.S.F. Kidd, and D.C. Bradley, 1987. Displacement history of the Northern Arm Fault and its bearing on the post-Taconic evolution of north-central Newfoundland. *J. Geodynamics*, **7**, 105-133.
- 34 P. Copeland, T.M. Harrison, W.S.F. Kidd, Xu Ronghua, and Zhang Yuquan, 1987. Rapid early Miocene acceleration of uplift in the Gangdise belt, Xizang (southern Tibet) and its bearing on accommodation mechanisms of the India-Asia collision. *Earth and Planetary Sci. Lett.*, **86**, 240-252.
- 35 W. Bosworth, D.B. Rowley, W.S.F. Kidd, and C. Steinhardt, 1988. Geometry and style of post-obduction thrusting in a Palaeozoic orogen: the Taconic Frontal thrust system. *J. Geol.*, **96**, 163-180.
- 36 K.A. Eriksson, W.S.F. Kidd, and B. Krapez, 1988. Basin analysis in regionally metamorphosed and deformed early Archean Terrains: examples from Africa and western Australia. pp. 371-404 in K.L. Kleinspehn and C. Paola (editors) *New perspectives in basin analysis*, Springer-Verlag, New York.
- 37 W.S.F. Kidd, and P. Molnar, 1988. Quaternary and active faulting observed on the Academia Sinica-Royal Society geotraverse of Tibet. *Phil. Trans. Roy. Soc. London. A*, **327**, 337-363.
- 38 W.S.F. Kidd, Pan Yusheng, Chang Chenfa, M.P. Coward, J.F. Dewey, A. Gansser, P. Molnar, R.M. Shackleton, and Sun Yiyin, 1988. Geological mapping of the 1985 Chinese-British Tibetan (Xizang-Qinghai) Plateau geotraverse route. *Phil. Trans. Roy. Soc. London. A*, **327**, 287-305.
- 39 W.S.F. Kidd, compiler, 1988. Geological Map of the Geotraverse route. Coloured Geological Map (1:500,000 scale, 2 sheets, each 40" by 46") to accompany Royal Society of London volume on the 1985 Geotraverse across the Tibetan Plateau (*The Geological evolution of Tibet*; Royal Society of London, 1988).
- 40 M.P. Coward, W.S.F. Kidd, Pan Yun, R.M. Shackleton and Zhang Hu, 1988. The structure of the 1985 Tibet Geotraverse, Lhasa to Golmud. *Phil. Trans. Roy. Soc. London. A*, **327**, 307-336.
- 41 E-An Zen, J.C. Hepburn, W.S.F. Kidd, P. Robinson, J.W. Skehan, and J.B. Thompson, 1989. Tectonostratigraphic Terranes in the Northern Appalachians. *28th International Geological Congress Field Trip Guidebook T359*. Amer. Geophys. Union, Washington, 68pp.
- 42 J.W. Delano, C.Schirmick, B. Bock, W.S.F. Kidd, M.T. Heizler, G.W. Putman, S.E. DeLong, and M. Ohr, 1990. Petrology and geochemistry of Ordovician K-bentonites in New York State: constraints on the nature of a volcanic arc. *J. Geol.*, **98**, 157-170.
- 43 J.A. Pearce, J. F. Bender, S.E. DeLong, W.S.F. Kidd, P.J. Low, Y. Guner, F. Saroglu, Y. Yilmaz, S. Moorbath, and J.G. Mitchell, 1990. Genesis of collision volcanism in Eastern Anatolia, Turkey. *J. Volcanol. Geothermal Res.*, **44**, 189-229.
- 44 D.C. Bradley and W.S.F. Kidd, 1991. Flexural extension of the upper continental crust in collisional foredeeps. *Geol. Soc. Amer. Bull.*, **103**, 1416-1438.
- 45 T.M. Kusky and W.S.F. Kidd, 1992. Remnants of an Archean oceanic plateau, Belingwe Greenstone belt, Zimbabwe. *Geology*, **20**, 43-46.
- 46 T.M. Harrison, P. Copeland, W.S.F. Kidd, and A. Yin, 1992. Raising Tibet. *Science*, **255**, 1663-1670.

- 47 Y. Pan and W.S.F. Kidd, 1992. The Nyainqentanglha shear zone: a late Miocene extensional detachment in the southern Tibetan Plateau. *Geology*, **20**, 775-778.
- 48 T.M. Harrison, P. Copeland, S. Hall, J. Quade, S. Burner, T. Ojha, and W.S.F. Kidd, 1993. Isotopic preservation of Himalayan/Tibetan uplift, denudation, and climatic histories of two molasse deposits. *J. Geol.*, **101**, 157-175.
- 49 Y. Pan, P. Copeland, M.K. Roden, W.S.F. Kidd, and T.M. Harrison, 1993. Thermal and unroofing history of the Lhasa area, southern Tibet: evidence from apatite fission track thermochronology. *Nucl. Tracks*, **21**, 543-554.
- 50 J.B. Thompson, W.A. Bothner, P. Robinson, K.D. Klitgord, C.P. Fallon, A.M. Hussey, D.R. Hutchinson, Y.W. Isachsen, P. Karabinos, W.S.F. Kidd, P.W. Ollila, J.L. Rosenfeld, and J.S. Schlee, 1993. *Centennial Ocean/Continent Transect, #17, E-1*; Adirondacks to Georges Bank. Geological Society of America, Boulder. 2 maps & 55 pp.
- 51 V. Bruchert, J.W. Delano, and W.S.F. Kidd, 1994. Fe- and Mn-enrichment in middle Ordovician haematitic argillites preceding black shale and flysch deposition: the Shoal Arm Formation, north-central Newfoundland. *J. Geol.*, **102**, 197-214.
- 52 A. Yin, T.M. Harrison, F.J. Ryerson, W. Chen, W.S.F. Kidd, and P. Copeland, 1994. Tertiary structural evolution of the Gangdese thrust system, southeastern Tibet. *J. Geophys. Res.*, **99**, 18,175-18,201.
- 53 P. Copeland, T.M. Harrison, Y. Pan, W.S.F. Kidd, M. Roden, and Y. Zhang, 1995. Thermal evolution of the Gangdese batholith, southern Tibet: a history of episodic unroofing. *Tectonics*, **14**, 223-236.
- 54 T.M. Harrison, P. Copeland, W.S.F. Kidd, and O. Lovera, 1995. Activation of the Nyainqentanglha shear zone: implications for uplift of the southern Tibetan Plateau. *Tectonics*, **14**, 658-676.
- 55 W.S.F. Kidd, A. Plesch, and F.W. Vollmer, 1995. Lithofacies and Structure of the Taconic Flysch, Melange, and Allochthon, in the New York Capital District. pp. 57-80 in Garver, J.I. and Smith, J.A. (eds), *Field Trip Guide for the 67th Annual Meeting of the New York State Geological Association*, Union College, Schenectady, N.Y.
- 56 T.M. Kusky and W.S.F. Kidd, 1996. Tectonic implications of early Silurian thrust imbrication of the northern Exploits subzone, central Newfoundland. *J. Geodynamics.*, **22**, 229-265
- 57 M.A. Edwards, W.S.F. Kidd, J. Li, Y. Yue, and M. Clark, and 1996. Multi-stage development of the Southern Tibet Detachment System near Khula Kangri. New data from Gonto-la. *Tectonophysics*, **260**, 1-19.
- 58 K.D. Nelson, Zhao Wenjin, L.D. Brown, J. Kuo, Che Jinkai, Liu Xianwen, S.L. Klemperer, Y. Makovsky, R. Meissner, J. Mechie, R. Kind, F. Wenzel, J. Ni, J. Nabelek, Chen Leshou, Tan Handong, Wei, Wenbo, A.L. Jones, J. Booker, M. Unsworth, W.S.F. Kidd, M. Hauck, D. Alsdorf, A. Ross, M. Cogan, Wu Changde, E. Sandvol, M. Edwards, 1996. Partially molten middle crust beneath Southern Tibet: synthesis of Project INDEPTH results. *Science*, **274**, 1684-1688.
- 59 M.A. Murphy, A. Yin, T.M. Harrison, S.B. Durr, Z. Chen, F.J. Ryerson, W.S.F. Kidd, X. Wang, and X. Zhou, 1997. Did the Indo-Asian collision alone create the Tibetan Plateau?, *Geology*, **25**, 719-722.
- 60 C. Wu, K.D. Nelson, G. Wortman, S.D. Samson, Y. Yue, J. Li, W.S.F. Kidd, and M.A. Edwards, 1998. Yadong cross structure and South Tibetan Detachment in the east-central Himalaya (89-90E). *Tectonics*, **17**, 28-45
- 61 M.J. Cogan, K.D. Nelson, W.S.F. Kidd, and C. Wu, 1998. Shallow structure of the Yadong-Gulu rift, southern Tibet, from refraction analysis of Project INDEPTH common midpoint data. *Tectonics*, **17**, 46-61.

- 62 Schneider, D.A., Edwards, M.A., Kidd, W.S.F., Zeitler, P.K., and Coath, C.D., 1999. Early Miocene anatexis identified in the western syntaxis, Pakistan Himalaya. *Earth Planet. Sci. Lett.*, **167**, 121-129.
- 63 M. Edwards, W. Kidd, A. Pecher, C. Burchfiel, L. Royden, 1999. Southern Tibet Detachment system (STDS) at Khula Kangri, eastern Himalaya: a large-area, shallow detachment stretching into Bhutan? *J. Geol.*, **107**, 623-631.
- 64 Schneider, D.A., Edwards, M.A., Kidd, W.S.F., Khan, M.A., Seeber, L., and Zeitler, P.K., 1999. Tectonics of Nanga Parbat, western Himalaya: synkinematic plutonism within doubly-vergent shear zones of a crustal-scale pop-up structure. *Geology*, **27**, p.999-1002.
- 65 Edwards, M.A., Kidd, W.S.F., Khan, M.A., and Schneider, D.A., 2000. Tectonics of the southwest margin of the Nanga Parbat massif. pp 77-100 in Khan, M.A., Treloar, P.J., Searle, M.P., and Jan, M.Q., (eds.) *Tectonics of the Nanga Parbat Syntaxis and the western Himalaya*. Geol. Soc. London, *Spec. Pub.* **170**.
- 66 P.K. Zeitler, A.S. Meltzer, P.O. Koons, D. Craw, B. Hallet, C.P. Chamberlain, W.S.F. Kidd, S. Park, L. Seeber, M. Bishop, J. Shroder, 2001. Erosion, Himalayan Geodynamics and the Geomorphology of Metamorphism. *GSA Today*, **11**, 4-9.
- 67 D.A. Schneider, P.K. Zeitler, W.S.F. Kidd, and M.A. Edwards, 2001. Geochronologic constraints on the tectonic evolution and exhumation of Nanga Parbat, western Himalaya syntaxis, revisited. *J. Geol.*, **109**, 563-583.
- 68 Zeitler, P.K., P.O Koons, M.P. Bishop, C.P. Chamberlain, D. Craw., M.A. Edwards, S. Hamidullah, M.Q. Jan, M.A. Khan, M.A.K. Khattak, W.S.F. Kidd, R.L. Mackie, A.S. Meltzer, S.K. Park, A. Pêcher, M.A. Poage, G. Sarker, D.A. Schneider, L. Seeber, and J.F. Shroder, 2001. Crustal reworking at Nanga Parbat, Pakistan: Metamorphic consequences of thermal-mechanical coupling facilitated by erosion. *Tectonics*, **20**, 712-728.
- 69 Hayman, N.W., and W.S.F. Kidd, 2002. Reactivation of pre-thrusting, syn-convergence normal faults as ramps within the Ordovician Champlain-Taconic thrust system. *Geol. Soc. Amer. Bull.*, **114**, 476-489.
- 70 Hayman, N.W., and W.S.F. Kidd, 2002. The Champlain Thrust System in the Whitehall-Shoreham area: influence of pre- and post-thrust normal faults on the present thrust geometry and lithofacies distribution. Field trip A7, pages 7-1 to 7-24 in McLelland, J.M., and Karabinos, P., (editors) *Guidebook for Fieldtrips in New York and Vermont*. New England Intercollegiate Geological Conference 94th Annual meeting, and New York State Geological Association 74th Annual meeting, Lake George, NY, September 27th-29th, 2002. Skidmore College, Saratoga Springs.
- 71 Fletcher, B.A., and W.S.F. Kidd, 2002. Metagabbros of the southeastern Adirondacks: evidence for separate syn-kinematic, and post-kinematic suites. Field trip C3, pages 3-1 to 3-9 in McLelland, J.M., and Karabinos, P., (editors) *Guidebook for Fieldtrips in New York and Vermont*. New England Intercollegiate Geological Conference 94th Annual meeting, and New York State Geological Association 74th Annual meeting, Lake George, NY, September 27th-29th, 2002. Skidmore College, Saratoga Springs.
- 72 Wiesmayr G., Edwards, M. A., Meyer, M., Kidd., W. S. F., Häusler, H., Leber, D., and Wangda, D., 2002. Progressive fault rotation of the STDS in NW-Bhutan; evidence for steady fault-accommodated strain in the High Himalaya. in: de Bresser et al. (eds) *Deformation, rheology and tectonics: current status and future perspectives*. Geological Society of London Special Publication, 200, 371-386.
- 73 Landing, E., G. Pe-Piper, W.S.F. Kidd, and K. Azmy, 2003. Tectonic setting of outer trench slope volcanism: pillow basalt and limestone in the Taconian orogen of eastern New York. *Can. J. Earth Sci.*, **40**, 1773-1787.
- 74 Zhu, B., Kidd, W.S.F., Rowley, D., and Currie, B., 2004. Chemical compositions and tectonic significance of chrome-rich spinels in the Tianba flysch, southern Tibet. *J. Geol.* **112**, 417-434.

- 75 A.L. Booth, P.K. Zeitler, W.S.F. Kidd, J. Wooden, Y. Liu, B. Idleman, M. Hren, and C.P. Chamberlain, 2004. U-Pb Zircon constraints on the tectonic evolution of southeastern Tibet, Namche Barwa area. *Amer. J. Sci.*, 304, 889-929.
- 76 Zhu B., Delano J. W., and Kidd W. S. F., 2005. Magmatic compositions and source terranes estimated from melt inclusions in detrital Cr-rich spinels: an example from mid-Cretaceous sandstones in the eastern Tethys Himalaya. *Earth Planet. Sci. Lett.*, 233, 295-309.
- 77 B. Zhu, W.S.F. Kidd, D.B. Rowley, B.S. Currie, N. Shafique, 2005. Age of initiation of the India-Asia collision in the east-central Himalaya. *J. Geol.*, 113, 265–285.
- 78 Lim, C., Kidd, W.S.F., and Howe, S., 2005. Late shortening and extensional structures and veins in the western margin of the Taconic Orogen (NY-VT). *J.Geol.*, 113, 419-438.
- 79 K.D. Solon, A.G. Jones, K.D. Nelson, M.J. Unsworth, W.S.F. Kidd, W. Wei , H. Tan, S. Jin, M. Deng, J.R. Booker, S. Li, and P. Bedrosian, 2005. Structure of the crust in the vicinity of the Banggong-Nujiang suture in central Tibet from INDEPTH magnetotelluric data. *J. Geophys. Res.*, 110, B10102, p.1-20, doi:10.1029/2003JB002405.
- 80 Craw, D., P. O. Koons, P. K. Zeitler, and W.S.F.Kidd, 2005. Fluid evolution and thermal structure in the rapidly exhuming gneiss complex of Namche Barwa–Gyala Peri, eastern Himalayan syntaxis. *J. Metamorphic Geol.*, 23, 829–845.
- 81 Schoonmaker, A., W.S.F.Kidd, and D. Bradley, 2005. Foreland/Forearc collisional granitoid and mafic magmatism caused by lower-plate lithospheric slab-breakoff: the Acadian of Maine, and other orogens. *Geology*, 33, 961–964.
- 82 Schoonmaker, A., and Kidd, W.S.F., 2006. Evidence for a ridge subduction event in the Ordovician rocks of north-central Maine. *Geol. Soc. Amer. Bull.*, 118, 897–912
- 83 Schoonmaker, A., and Kidd, W.S.F., 2007. A reappraisal of the Stanbridge Nappe and adjacent shelf strata, southern Quebec and northwestern Vermont. *Canadian. J. Earth Sci.*, 44, 155-169.
- 84 Marsellos, A.E., and W.S.F. Kidd, 2008. Extension and Exhumation of the Hellenic Forearc Ridge in Kythera. *J. Geol.*, 116, 640–651; 2 online data repository items.
- 85 Booth, A.L., C.P. Chamberlain, W.S.F. Kidd, and P.K. Zeitler, 2009. Constraints on the metamorphic evolution of the eastern Himalayan syntaxis from geochronologic and petrologic studies of Namche Barwa. *Geol. Soc. Amer. Bull.*, 121, 385–407; doi: 10.1130/B26041.1; Data Repository item 2008211.
- 86 Schoonmaker, A., and Kidd, W.S.F., 2009. Evidence against the allochthonous nature of the Stanbridge Nappe at Highgate Gorge, northwestern Vermont. pp 3-18 in *Guidebook for Field Trips in the Northeast Kingdom of Vermont and adjacent regions*, D.S. Westerman and A.S. Lathrop (eds.), *New England Intercollegiate Geological Conference 101st Annual Meeting, Lyndon State College, 25-27 September 2009*. Norwich University, Northfield, VT.
- 87 Marsellos, A. E., W.S.F. Kidd, and J. I. Garver, 2010. Extension and exhumation of the HP/LT rocks in the Hellenic forearc ridge. *Amer. J. Sci.*, 310, 1-36.
- 88 Marsellos A.E., Kidd, W.S.F., Garver, J.I., and Kyriakopoulos, K.G., 2010. Exhumation of HP-rocks accompanied by low-angle normal faulting and associated detachment fault of Milos Island – Evidence from zircon fission-track thermochronology. *Bulletin Geological Society of Greece*, xx, yy-zz.

- 89 Schoonmaker, A., W.S.F. Kidd, D.N. Reusch, M.J. Dorais, T. Gregg, and C. Spencer, 2011. Stratigraphic context, geochemical, and isotopic properties of magmatism in the Siluro-Devonian inliers of northern Maine: Implications for the Acadian Orogeny. *Amer. J. Sci.*, 311, 528-572.
- 90 Schoonmaker, A., and Kidd, W.S.F., 2013. Tectonic significance of Cambro-Ordovician and Siluro-Devonian stratigraphy and magmatism in the Chesuncook Lake and Ripogenus Gorge area, north-central Maine. Field trip A-4, pages 47-73 in Hanson, L.S. (editor), *Guidebook for fieldtrips in Central Maine*, New England Intercollegiate Geological Conference 105th Annual meeting, Millinocket Lake, Maine, 11-13 October 2013. Salem State University, Salem, MA
- 91 Zeitler, P.K., Meltzer, A.S., Brown, L., Kidd, W.S.F., Lim, C., and Enkelmann, E., 2014. Tectonics and topographic evolution of Namche Barwa and the easternmost Lhasa block, Tibet. in Nie, J., Horton, B.K., and Hoke, G.D., (eds.), *Toward an Improved Understanding of Uplift Mechanisms and the Elevation History of the Tibetan Plateau*. Geological Society of America Special Paper 507, p. 23–58.
- 92 Schoonmaker, A., Kidd, W.S.F., DeLong, S.E., and Bender, J.F., 2014. Lawrence Head Volcanics and Dunnage Mélange, Newfoundland Appalachians: origin by Ordovician ridge subduction or in back arc rift? *Geoscience Can.*, 41, 523-556.
- 93 Skulski, T., Castonguay, S., Kidd, W. S. F., McNicoll, V., van Staal, C. R. & Hibbard, J. P., 2015. Geology, Baie Verte and parts of Fleur de Lys, Newfoundland and Labrador, NTS 12-H/16 and part of NTS 12-I/1. Geological Survey of Canada, Canadian Geoscience Map, 159, Natural Resources Canada. <https://doi.org/10.4095/295865>
- 94 Skulski, T., Castonguay, S., Kidd, W. S. F., McNicoll, V. & van Staal, C. R., 2015. Geology, King's Point, Newfoundland and Labrador, NTS 12-H/9. Geological Survey of Canada, Canadian Geoscience Map, 156, Natural Resources Canada. <https://doi.org/10.4095/295864>
- 95 Schoonmaker, A., Kidd, W.S.F., and Ashcroft, T., 2016. Magmatism and extension in the foreland and near-trench region of collisional and convergent tectonic systems. *Geoscience Canada*, 43, 159–178; <http://www.dx.doi.org/10.12789/geocanj.2016.43.100>
- 96 Kusky, T.M., Polat, A., Windley, B.F., Burke, K.C., Dewey, J.F., Kidd, W.S.F., Maruyama, S., Wang, J.P., Deng, H., Wang, Z.S., Wang, C., Fu, D., Li, X.W., Peng, H.T., 2016. Insights into the tectonic evolution of the North China Craton through comparative tectonic analysis: a record of outward growth of Precambrian continents. *Earth-Science Reviews* 162, 387–432; supplementary data at <http://dx.doi.org/10.1016/j.earscirev.2016.09.002>
- 97 Kidd, W.S.F., and Burke, K.C., 2017. Credit pioneer in plate tectonics. *Nature*, 551, 565. (Correspondence, 30 November 2017)
- 98 Schoonmaker, A., Kidd, W.S.F., 2018. Structural and stratigraphic features of the Taconic foreland, NW Vermont. pp. 53-68 in *T.W. Grover and H. Mango (editors) Guidebook for fieldtrips in New York and Vermont*; New England Intercollegiate Geological Conference 110th Annual Meeting and New York State Geological Association 90th Annual Meeting, October 12-14, 2018. Castleton University, Castleton, VT.
- 99 Kidd, W.S.F., Howe, S.S., and Lim, C., 2018. Fault systems of the Taconic foreland; Whitehall, NY to West Haven, Vermont [All kinds of faults!]. pp. 157-177 in *T.W. Grover and H. Mango (editors) Guidebook for fieldtrips in New York and Vermont*; New England Intercollegiate Geological Conference 110th Annual Meeting and New York State Geological Association 90th Annual Meeting, October 12-14, 2018. Castleton University, Castleton, VT.

Grants Awarded:

14 NSF grants, 5 NASA grants, 1 ONR grant since 1975; from 1995 shown here.

1995 National Science Foundation Continental Dynamics Program
Title: Collaborative Research: Crustal reworking during orogeny: an active-system Himalayan perspective
Duration: 15th May 1995-14th May 1998
Amount: \$183,237

1998 National Science Foundation Continental Dynamics Program
Title: Collaborative Research: Structure of the crust and upper mantle beneath the Tibetan Plateau Interior (INDEPTH III)
Duration: 1/01/98 - 31/12/99 (extended to September 2000)
Amount: \$107,586

1998 National Science Foundation Tectonics Program
Title: Collaborative Research: Dating the initiation of the India-Asia collision east of Mt. Everest
Duration: 1/01/98 - 31/12/99 (extended to 31 December 2001)
Amount: \$70,290

2001 National Science Foundation Continental Dynamics Program
Title: Collaborative Research: Geodynamics of Indentor Corners
Duration: 15/07/01-14/07/06
Amount: \$142,114 (plus supplement for \$22,680; 5/06-12/06)
(proposal for \$172,687 submitted May 2000).

2007 University at Albany FRAP B
Title: Extreme tectonic extension in the Hellenic Arc
Duration: 15 April 2007-14 April 2008
Amount: \$2400
(proposal for \$4000 submitted January 2007)

NSF – Continental Dynamics Program
INDEPTH IV
Duration ~2006-2009
~\$30K through Cornell University; field work in N. Tibet September 2010

Courses taught [Course number, title, (credit hours)]

- GEO 100N Planet Earth (3)
Fall 87;88;89;90;
- GEO 107 The Oceans (3) $\frac{1}{3}$ geology; biology, atmospheric science parts taught by 2 others
Spring 82; Fall 84;
- GEO 110 Introductory Geology in the Field (3); team taught
Fall 75; Fall 76;
- GEO 120 Fundamentals of Geology (3R); team taught
Fall 75;76;77;78;80;81;
- GEO 230 Chronology and Field Methods (4R)**
Fall 74;75;76;77;78;79;80;81;82;83;
- GEO 230 Stratigraphy and Surface Processes (3R)
Spring 87
- GEO 230 Stratigraphy, Sedimentology and the Fossil Record (3R)
and Field Excursions for Stratigraphy (2R)**
Fall 02;03;04;05;06;07;08; Fall 09;10; as GEO 221 and 223
- GEO 240 Structural Geology I (3R)
Spring 75;76;77;78;89;80;81;82;83;84;85;
Fall 86;87;88;89;90;
- GEO 300 Introductory Field Geology (2R)**
Spring 87;88;89;90;92;Fall 92;93;94;95;96
- GEO 330 Structural Geology I, GEO 332 Lab for Structural Geology
and GEO 331 Field Excursions for Structural Geology (5R)
Spring 97;98;99;00;01;02;03;04;05;06;07;08;09;10
- GEO 370 Economic Geology (3) taught jointly with K. Burke, or G. Putman
Spring 77; 81; 83;
- GEO 400 Field Mapping (6R)**
Summer 74;75;76;77;78;79;80;81;82;
- GEO 400 Field Mapping (4R)**
Fall 83;84;85;86;87;88;89;90;91;92;93;94;95;96;97;98;99;00;01;02;03;04;05;06
- GEO 470 Tectonics (3R)
Fall 84;91; 04(part);05;06;07;08;09;10
- GEO 480 World Historical Geology (3R)
Spring 88;89;90;91;92;93;94;95;96;97;98;00;01;
- GEO 517 Tectonics (3R)
Fall 84;91 04(part);05;06;07;08
- GEO 518 World Historical Geology (3R)
Spring 88;89;90;91;92;93;94;95;96;97;98;00;01;
- GEO 620 Sediments and Tectonics (3)**
Fall 76
- Geo 676 Topics in Tectonics (3) (**Newfoundland Geology**)
Fall 78
- GEO 676 Topics in Tectonics (2 or 3) (**Current research topics**)
Fall 97; Spring 99;

Bold - Course developed by W. Kidd

Underline - Course significantly modified by W. Kidd

R – required course for Geology BS major; **R** – required course for Geology graduate students

Ph.D. students

From 1975: 9 PhD's sole advisor; 6 PhD's joint advisor

Recent PhD's

Zhu, Bin	Graduated May 2004
Li, Youshe	Graduated December 2004
Schoonmaker, A.	Graduated May 2005
Lim, Chul	Graduated August 2007
Marsellos, A.	Graduated December 2008

MS theses supervised

From 1975: 28 MS theses sole advisor; 4 MS theses joint advisor.

Recent MS students

Short, H.	Graduated May 1999
Ashcroft, J.	Graduated May 2002
Marsellos, A.	Graduated December 2006

External Examining Committees: 11 from 1982; Columbia, Syracuse, RPI, Dalhousie, Cornell, Lehigh

Other External Committees

NASA review panels; NSF visiting committee

University service including

1981-1983 University Senate

College of Science and Mathematics service including

Fall 1981-Spring 1983	Committee on Promotions and Continuing Appointments
Fall 1989-Spring 1990	Committee on Promotions and Continuing Appointments

College of Arts and Sciences service including

1993-96	Council of Chairs
2008-10	Faculty Council; Committee on Promotions and Continuing Appointments

Department/Program of Geological Sciences service including

Acting Chairman September 1990-December 1991

Chairman January 1992-July 1996

Graduate Committee Fall 1979-Spring 1985 [Chairman 81-85]; Fall 1986-2008

Class Scheduling Fall 1979-Spring 1985; Fall 1986-2008

Freshman/sophomore advisor Fall 1977-Spring 1985; Fall 1986-Fall 1995

Earth Science BS advisor 1992-2006; Geology BS advisor 2005-2009;

University Library Liason 1992-2010

supervision of: Maps, Field equipment, Photo equipment, 1974-2010

computer graphics equipment 1990-2002

vehicles Fall 1974-Spring 1985; Fall 1986-2010;