

## Curriculum Vitae: Daniel P. Murray

### Education

Ph.D. (1976) Brown University

M.S. (1968) Brown University

A.B. (1966) Dartmouth College

### Research

- New England Tectonics
- Geoscience and STEM Education

### Selected Publications, 1993 - 2023

1. Kuiper, Y.D., Murray, D.P., Ellison, S., and Crowley, J.L., 2022, U-Pb detrital zircon analysis of sedimentary rocks of the southeastern New England Avalon terrane in the U.S. Appalachians: Evidence for a separate crustal block, in Kuiper, Y.D., Murphy, J.B., Nance, R.D., Strachan, R.A., and Thompson, M.D., eds., *New Developments in the Appalachian-Caledonian-Variscan Orogen: Geological Society of America Special Paper 554*, p. 93–119, [https://doi.org/10.1130/2021.2554\(05\)](https://doi.org/10.1130/2021.2554(05)).
2. Kuiper, Y.D. and Murray, D.P., 2022, Possible crustal blocks of the southeastern part of the New England Avalon terrane in the US Appalachians, *International Geological Correlation Program (IGCP) 683*, Halifax Canada, virtual field guide, 35 pp.
3. Fetherston, D.B., Murray, D.P. and Wintsch, R.P., 2014, Alleghanian metamorphism of the southern Narragansett Basin, RI: Hinged burial and exhumation: *in* Thompson, M. D., ed., *Guidebook to Field Trips in Southeastern New England (MA-NH-RI): New England Intercollegiate Geological Conference, 106<sup>th</sup> Annual Meeting*, Wellesley College, Wellesley, Massachusetts, p. B5-1 –B5-19.
4. Kortz, K.M., Murray, D.P., 2009, Barriers to College Students Learning How Rocks Form: *JGE*, v. 57, n. 4, p. 300-315.
5. Murray, D.P., Skehan, J.W., and Raben, J., 2004, Tectonostratigraphic relationships and coalification trends in the Narragansett and Norfolk basins, *New England: Journal of Geodynamics*, v.37, p.583-611.
6. Murray, D.P., 1998, *editor*, *Guidebook to field trips in Rhode Island and adjacent regions of Connecticut and Massachusetts*, 1998 New England Intercollegiate Geological Conference, University of Rhode Island, Kingston, 388 pp.
7. Hermes, O. D., Gromet, L.P., and Murray, D. P., 1994, *Bedrock geologic map of Rhode Island: Rhode Island Map Series No. 1*, University of Rhode Island, Kingston, RI *Scale = 1:100,000*.

### External Funding: 2003–2023

1. 2008, **P.I.**, Rhode Island Technology Enhance Science: RITES, National Science Foundation, \$12,499,987.
2. 2003, **P.I.**, National Aeolian Detritus Project, National Science Foundation, \$134,588.
3. 2003, **P.I.**, On-line inquiry learning in geology: Prototype development of a case-based cyber library, National Science Foundation, \$74,934.