

**Dr. Andrew Kemp—New Assistant Professor in the Tufts University
Department of Earth and Ocean Sciences**

The following are selected recent peer-reviewed publications by Dr. Kemp and colleagues:

Kemp, A.C., Engelhart, S.E., Culver, S.J., Nelson, A.R., Briggs, R.W. and Haeussler, P.J., 2013. Modern salt-marsh and tidal-flat foraminifera from Sitkinak and Simeonof Islands, southwestern Alaska. *Journal of Foraminiferal Research* 43, Pg 83-94.

Kemp, A.C., Sommerfield, C. K., Vane, C.H., Horton, B.P., Chenery, S., Anisfeld, S.C. and Nikitina, D., 2012 Use of lead isotopes for developing chronologies in recent salt-marsh sediments. *Quaternary Geochronology* 12, Pg 40-49 .

Kemp, A.C., Horton, B.P., Vann, D.R., Engelhart, S.E., Grand Pre, C. A., Vane, C.H., Nikitina, D. and Anisfeld, S.C., 2012 Quantitative vertical zonation of salt-marsh foraminifera for reconstructing former sea level; an example from New Jersey, USA. *Quaternary Science Reviews* 54, Pg 26-39.

Kemp, A.C., Vane, C.H., Horton, B.P., Engelhart, S.E. and Nikitina, D., 2012. Application of stable carbon isotopes for reconstructing salt-marsh floral zones and relative sea level, New Jersey, USA. *Journal of Quaternary Science* 27, Pg 404-414.

Engelhart, S.E., Horton, B.P. and **Kemp, A.C.**, 2011. Holocene sea-level changes along the United States' Atlantic Coast. *Oceanography* 24, Pg 70-79.

Gehrels, W.R., Horton, B.P., **Kemp, A.C.**, Toker, E. and Sivan, D., 2011. Sea-level records of the last 2000 years hold the key to understanding contemporary and future sea-level changes. *EOS, Transactions, American Geophysical Union* 92, Pg 289-291.

Kemp, A.C., Horton, B.P., Donnelly, J.D., Mann, M.E., Vermeer, M. and Rahmstorf, S., 2011. Climate related sea-level variations over the past two millennia. *Proceedings of the National Academy of Sciences* 108, Pg 11017-11022.

Kemp, A.C., Vane, C., Horton, B.P. and Culver, S.J., 2010. Stable carbon isotopes as potential sea-level indicators in salt marshes, North Carolina, USA. *The Holocene* 20, Pg 623-636.