

## Curriculum Vitae – Bente Aagaard Lomstein

<b>Personal</b>	Born May 21, 1959 (Gladsaxe); Danish citizen; Married, 2 children
<b>Addresses</b>	Work: Center for Geomicrobiology/Section for Microbiology, Aarhus University, Building 1540, Ny Munkegade 114, 8000 Aarhus C, Phone 60202769, e-mail <a href="mailto:bente.lomstein@bios.au.dk">bente.lomstein@bios.au.dk</a> . Private: Due Odde 2, 8210 Aarhus V, Phone 86107066
<b>Degrees</b>	MSc July 3, 1985 and PhD Sept. 11, 1989, Aarhus University
<b>Positions held at Aarhus University</b>	Assistant Professor (1991-1994) Associate Professor (1994-2009) Associate Professor with special qualifications (2009-2013) Called Professor MSO of Geomicrobiology (2013-present)
<b>Scientific qualifications</b>	Leader of the organic geochemistry group in the Center for Geomicrobiology (CfG) where we study the balance between burial of organic matter in the deep sub sea-floor and the slow microbial degradation of buried organic matter over geological time scales
<b>Leaderships (selected)</b>	Director of the Center for Strategic Environmental Research in Marine Environments (1994-1997) Working package coordinator in the ROBUST project funded by the European Environment and Climate programme (1997-1999) Chairman for the nanoscience panel that developed the Danish MSc education in nanoscience (2001; appointed by the Danish Ministry of Education) Director of the international PhD School of Aquatic Sciences – SOAS (2001-2011) Group leader of the Organic Geochemistry Lab, CfG, AU (2012-present)
<b>Services for Research councils and foundations (selected)</b>	Member of the Danish National Research Council (SNF; 1996-2001) Vice-Chairman of SNF (1999-2000), Chairman of SNF (2000-2001) Chairman for the national panel “Large interdisciplinary research groups) for the Danish Research Agency (2001) Member of the board of the Independent Danish Research Council (2004-2009) Member of the Danish Expedition Foundation that planned and equipped the Danish Galathea 3 expedition (2005-2011) Member of the board of the Danish Center for Marine Research (2009-2017) Member of the LS-8 panel awarding Advanced Grant proposals on “Evolutionary, population and environmental biology” for the European Research Council (ERC 2010-2017).

<b>Other activities (selected)</b>	Participation in numerous research cruises world-wide since 1984 Chief-scientist on board Galathea3 (1 month in 2007), Main organizer or co-organizer of seven international/national meetings
<b>Teaching</b>	University courses for biology (and geology) students in Microbial Element Cycling (BSc), Geomicrobiology (MSc) and Benthic Research at Sea (PhD). Invited to teach PhD courses in France and Italy.
<b>Supervision</b>	31 MSc and 12 PhD degrees completed under my supervision. Mentor for 6 Postdocs and at present I am mentoring 1 PhD student from Brazil
<b>Present international collaboration</b>	Alex Enrich-Prast, Federal University of Rio de Janeiro, Brazil, Mark A. Lever, ETH Zürich, Switzerland.
<b>Present national collaboration</b>	Bo Barker Jørgensen and members of the Center for Geomicrobiology, AU
<b>Research interests</b>	Organic biogeochemistry and microbial ecology: Microbial biomass and necromass turnover times in the sea floor and permafrost; Microbial activity under extreme energy or temperature limitations; Deep sub-seafloor biosphere; Use of diagnostic biomolecules as culture independent tool for quantification of microorganisms; Endospore dispersal
<b>Funding</b>	Own funding (2004-2011) 4.3 mio dkk, funding as co-applicant (2005-2010) 2.2 mio dkk, funding for the SOAS PhD school (2001-2011) ca. 16 mio dkk. Part of B.B. Jørgensen's Center for Geomicrobiology and ERC AdvG, AU, since 2012 (total funding 76 mio dkk).
<b>Publications</b>	57 peer reviewed research articles (one in Nature, one in PLOS ONE and one in Nature Scientific Reports), editor of one book with peer review, author of several scientific reports, cruise reports and proceedings. H-index = 32, i10-index = 51, 3380 citations (Google Scholar).
<b>Public outreach</b>	Several newspaper articles during the Galathea3 expedition Multiple international and national references to the Nature publication in 2012 – e.g. Astrobiology Magazine (March 20, 2012) “Life in the slow lane and Weekendavisen (March 23, 2012) “Det langsomme liv på havets bund”; TV2 East Jutland broadcasted a TV programme “IQ – tæt på de kloge hoveder” entitled “Mud research – The slow life” (November 7, 2012).

