

<i>Curriculum vitae</i>	
Name	Dorthe Dahl-Jensen
Born	September, 8, 1958, Copenhagen, Denmark
Nationality	Danish
Present position	Professor, Niels Bohr Institute, Juliane Maries Vej 30, 2300 Copenhagen OE, Denmark; Tel: +45 35 32 05 56; Fax: +45 35 36 53 57; e-mail: ddj@gfy.ku.dk
Education	1984, M.Sc. in Geophysics, Copenhagen University; 1988, Ph.D. in Geophysics, Copenhagen University.
Research areas	Reconstruction of climate records from ice cores and borehole data. Ice flow models to date ice cores. Continuum mechanical properties of anisotropic ice. Ice in the solar system. The history and evolution of the Greenland Ice Sheet.
Professional Experience	<i>March.-August 1988:</i> Visiting Post Doc, University of Melbourne; <i>Jan 1989-Dec.1997:</i> Assistant Research Professor, Geophysics Institute; <i>Dec 1996 –April 1997:</i> Guest Researcher, University of Hobart; <i>Jan 1997- Dec 2001</i> Associate Professor, Niels Bohr Institute; <i>Jan 2002 – present:</i> Professor, Niels Bohr Institute; <i>Dec 2002 – April 2003:</i> Visiting professor, University of Hobart. Centre of Excellence for Ice and Climate; <i>April 2007 – April 2012</i>
Invited talks	4-5 talks per year. Plenum talk at the Goldschmidt conference, 2004; Science lesson at the OECD Global Science Forum, 2005; Science lesson at the Greenland Dialogue Meeting for 25 Environmental Ministers, 2005; Science lesson for The Presidents Science and Technology Advisory Board, The White House, 2005; Key Note Speak at the Arctic Science Summit Meeting, 2006+2007; Science lesson Videnskabernes Selskab, European Energy Agency, Tallberg Foundation 2007, SCAR symposium 2007
Synergistic activities	Organized International Symposium on Ice Core and Climate for the International Glaciological Society, 2001; Organized and participated in 4 international summerschools for PhD students 1998-; Organized and chaired international deep drilling programs like NGRIP 2000-2006 and 2005 and IPY NEEM 2007-2011; Participated in the Advisory Board for BBC global Warming 2006; Climate expert in Greenland for US senator McCain, DK prime minister, G chancellor,
Honors and awards	Honors from Inge Lehmans Fond, Christine Meyers Fond, Ole Rømers Fond, Cand. Theol Nicolai Michelsens and Valborg Michelsens Fond, Julie Von Müllens Fond, Lektor Løngaards Rejselegat, Willum Kann-Rasmussens Årslegat for Teknisk Forskning; Direktør N. Bang og hustru Yrsa Bang født Troensegaards Legat
Professional activities	Chairman of the NGRIP Steering Committee; Leader of the Ice and Climate Research Group, NBI; Chairman of NBI PhD School (-2005); Member of the Research Council for Natural Science; Member of the boards for The Polar Center; GEUS; Danish Space Center; IPEV Polar Science Committee, France; Chairman of the Danish National Committee for IPY; Cluster leader of the IPY cluster ‘Stability of the Greenland Ice Sheet’; Member of ATV; Member of Scientific Council of the ISAC
Teaching and outreach	Undergraduate, graduate and PhD Courses in Climate, Glaciology and Planetary Science since 1995. 3-5 popular talks each year for high schools, evening schools. Participated in 2-4 television and radio programs each year. Total number of PhD and Master students advised: 28 At present: 2 PhD students and 5 Master Students
Experience in leadership	PI of the Centre of Excellence for Ice and Climate, Chair of the international Deep Drilling Program in Greenland, Chair of the Danish IPY Committee.
Publications	Total peer reviewed: 72; (number of citations: 1274,229,197,166,124); Last 10 years: 50

Dorthe Dahl-Jensen, 10 selected publications.

2007

1. Willerslev, E., Dahl-Jensen, D., Steffensen, J. P., Sharp, M., Schwenninger, J.-L., Nielsen, R., Johnsen, S. J., Collins, M., Bennike, O., Nathan, R., Boomsma, W., Allan, L. & Hofreiter, M. Ice core genetics reveals a forested southern Greenland. *Science*

2006

2. Andersen, K. K., A. Svensson, S. O. Rasmussen, J. P. Steffensen, S. J. Johnsen, M. Bigler, R. Röthlisberger, U. Ruth, M.-L. Siggaard-Andersen, D. Dahl-Jensen, B. M. Vinther and H. B. Clausen (2006). "The Greenland Ice Core Chronology 2005, 15-42 kyr. Part 1: Constructing the time scale." *Quaternary Science Reviews* **25**(23-24): 3246-3257.
3. Dahl-Jensen, D. (2006). "NGRIP ice core reveals detailed climatic history 123 kyrs back in time." *Pages News* **14**(1): 15-16.
4. EPICA community members (2006). "One-to-one coupling of glacial climate variability in Greenland and Antarctica." *Nature* **444**(7116): 195-198.
5. Oerlemans, J., D. Dahl-Jensen and V. Masson-Delmotte (2006). "Ice sheets and ice level." *Science* **313**(5790): 1043-1044. Rasmussen, S. O., K. K. Andersen, A. M. Svensson, J. P. Steffensen, B. M. Vinther, H. B. Clausen, M.-L. Siggaard-Andersen, S. J. Johnsen, L. B. Larsen, D. Dahl-Jensen, M. Bigler, R. Röthlisberger, H. Fischer, K. Goto-Azuma, M. E. Hansson and U. Ruth (2006). "A new Greenland ice core chronology for the last glacial termination." *Journal of Geophysical Research* **111**: D06102, doi:10.1029/2005JD006079.
6. Vinther, B. M., H. B. Clausen, S. J. Johnsen, S. O. Rasmussen, K. K. Andersen, S. L. Buchardt, D. Dahl-Jensen, I. K. Seierstad, M.-L. Siggaard-Andersen, J. P. Steffensen, A. M. Svensson, J. Olsen and J. Heinemeier (2006). "A synchronized dating of three Greenland ice cores throughout the Holocene." *Journal of Geophysical Research* **111**: D13102, doi:10.1029/2005JD006921.

2005

7. Masson-Delmotte, V., A. Landais, M. Stievenard, O. Cattani, S. Falourd, J. Jouzel, S. J. Johnsen, D. Dahl-Jensen, A. Sveinbjörnsdóttir, J. W. C. White, T. Popp and H. Fisher (2005). "Holocene climatic changes in Greenland: Different deuterium excess signals at Greenland Ice Core Project (GRIP) and NorthGRIP." *Journal of Geophysical Research* **110**: D14102, doi:10.1029/2004JD005575.

2004

8. EPICA community members (2004). "Eight glacial cycles from an Antarctic ice core." *Nature* **429**(6992): 623-628.
9. Flückiger, J., T. Blunier, B. Stauffer, J. Chappellaz, R. Spahni, K. Kawamura, J. Schwander, T. F. Stocker and D. Dahl-Jensen (2004). "N₂O and CH₄ variations during the last glacial epoch: Insight into global processes." *Global Biogeochemical Cycles* **18**: GB1020, doi:10.1029/2003GB002122.
10. North Greenland Ice-Core Project (NorthGRIP) Members (2004). "High resolution Climate Record of the Northern Hemisphere reaching into the last Glacial Interglacial Period." *Nature* **431**(7005): 147-151.