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Personal

1981, born in West-Berlin, Germany.

11/2009 - 11/2011, 'Wissenschaftlicher Mitarbeiter' [pre-doctoral researcher] in the workgroup of Professor Dr. Eckart Voland at Justus Liebig University Gießen, Germany (JLU), funded by the JLU's 'Darwin Scholarship Program'.

1/2012- 3/2012, 'Wissenschaftliche Hilfskraft' [research assistant] in the workgroup of Professor Dr. Eckart Voland at JLU.

5/2012- 4/2015, 'Wissenschaftlicher Mitarbeiter' [post-doctoral researcher] in the project 'Warum Familie wichtig ist – Modellierung kurz- und langfristiger Einflüsse von Verwandten auf Lebens- und Reproduktionsstrategien' [Why family matters – Modelling short- and longterm effects of kin on life histories and reproductive strategies] funded by the Deutsche Forschungsgemeinschaft grant VO310/16-1. (PI: Prof. Dr. Eckart Voland).

Education

10/2004 - 9/2009 Study of Biology at JLU (Diploma with distinction)

10/2009 - 7/2012 Postgraduate study of Human Behavioral Ecology; Cumulative Dissertation: 'Die Großmutter-Hypothese und genomische Konflikte. Konditionale Einflüsse von Großmüttern auf reproduktives Verhalten in Familien der ostfriesischen Krummhörn (1720 - 1874)' [The grandmother hypothesis and genomic conflicts. Conditional grandmother effects on reproductive behavior within families of the historical Krummhörn (1720 - 1874)] (↪ University Gießen)

2013 'Doktor der Naturwissenschaften' (*Dr. rer. nat.*) at JLU
Disputation on March 7, 2013 (Total rating: *summa cum laude*)

Publications

Journal Articles

Johow, J.; Volland, E. (2012): Conditional grandmother effects on age at marriage, age at first birth, and completed fertility of daughters and daughters-in-law in historical Krummhörn, *Human Nature* 23, 341–359. (↪ doi:10.1007/s12110-012-9147-7)

Johow, J.; Fox, M.; Knapp, L. A.; Volland, E. (2011): The presence of a paternal grandmother lengthens interbirth interval following the birth of a granddaughter in Krummhörn (18th and 19th centuries), *Evolution and Human Behavior* 32 (5), 315–325. (↪ doi:10.1016/j.evolhumbehav.2010.11.004)

Fox, M.; Johow, J.; Knapp, L. A. (2011): The Selfish Grandma Gene - The Roles of the X-Chromosome and Paternity Uncertainty in the Evolution of Grandmothering Behavior and Longevity, *International Journal of Evolutionary Biology*, 2011, Article ID 165919, 9 pages, (↪ doi:10.4061/2011/165919)

Book chapters

Johow, J.; Volland, E. (forthcoming): 'Family Relations among Cooperative Breeders: Challenges and Offerings to Attachment Theory from Evolutionary Anthropology'. In: Heidi Keller, Hiltrud Otto (eds.). *Different Faces of Attachment. Cultural Variations of a Universal Human Need..* Cambridge University Press (Cambridge). (↪ available soon) (Both authors contributed equally to this work.)

Johow, J.; Willführ, K.-P.; Volland, E. (2013): 'Reproductive strategies in female post-generative life'. In: Maryanne L. Fisher, Justin R. Garcia, & Rosemarie Sokol Chang (eds). pp. 243-259 in *Evolution's Empress: Darwinian Perspectives on the Nature of Women*. Oxford University Press (New York). (↪ Google Books) (All authors contributed equally to this work.)

Talk and Poster Presentations

Johow, J. (2011): Reproductive strategies under socioeconomic constraints: Modelling effects of Krummhörn grandmothers on fertility decisions of their daughters and daughters in law (18th and 19th centuries), Talk given at the 6th Conference of the European Human Behaviour and Evolution Association (EHBEA) held in Giessen (Germany), March 24-26, 2011. (↪ Book of Abstracts)

Johow, J. (2010): In-law conflict and extended kin networks - Lineage specific kin effects on interbirth intervals in historical Krummhörn, Poster presented at the 5th Conference of the European Human Behaviour and Evolution Association (EHBEA) held in Wroclaw (Poland), March 25-27, 2010.

Other

Johow, J.; Volland, E. (2012): Geschlecht und Geschlechterrolle: Soziobiologische Aspekte. pp. 9-14 in: Bundeszentrale für politische Bildung (Hrsg.). *Aus Politik und Zeitgeschehen 20-21* (↪ <http://bpb.de>)

Johow, J.; Volland, E. (2011): Das geteilte Leben. Evolutionäre Gründe der Geschlechterdifferenz, pp. 133-146 in: Helmut Fink und Rainer Rosenzweig (Hrsg.). *Mann, Frau, Gehirn - Geschlechterdifferenz und Neurowissenschaft*, Mentis (Paderborn). (↪ <http://mentis.de>).