

Eva-Maria Schötz

Lewis-Sigler-Fellow

170 Carl-Icahn Laboratory, Princeton University, Princeton, NJ 08544, USA.

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Education

Sept. 2001 : Bachelor (Vordiplom) in mathematics and physics at University of Konstanz, Germany.

2003–2004 : Diploma thesis, supervised by Profs. Paul M. Chaikin and Eric F. Wieschaus, Princeton University.

Sept. 2004 : Diploma degree in physics at University of Konstanz.

2004–2007 : Ph.D. studies in biophysics at the Max-Planck Institute for Molecular Cell Biology and Genetics and the Max-Planck-Institute of Physics of Complex Systems, Dresden, Germany

09/2007 : PhD-degree in Physics from the Technical University, Dresden, Germany

Professional experience

since 10/2007 : Lewis-Sigler Fellow, Lewis-Sigler Institute for Integrative Genomics, Princeton University

Teaching experience

2002–2003 : Teaching assistant, Mathematics for Biologists (University of Konstanz).

Fall 2005 : Teaching assistant, Experimental Physics (“Grundpraktikum für Physiker II”, TU Dresden).

Fall 2006 : Teaching assistant, Experimental Physics (“Grundpraktikum für Physiker II”, TU Dresden).

Stipends

Summer 1999 : ZIS (Stiftung fuer Studienreisen e.V.) travel fellowship for a study trip to the Star City (Cosmonaut training center) near Moscou, Russia.

1999–2004 : Bavarian scholarship for excellent students (“Bayrische Begabtenförderung”).

2000–2004 : Student Scholarship “Studienstiftung des dt. Volkes”.

2001 : Erasmus Tuition Waiver for studies at UJF, Grenoble, France.

since 10/2003 : “E-fellows” Internet Stipend.

since 2005 : PhD-stipend “Studienstiftung des dt. Volkes”.

02-07/2006 : Development (COB) Travel fellowship for research at UMDNJ/Princeton University.

02-07/2006 : “Studienstiftung des dt. Volkes” short-time fellowship for research abroad.

Aug. 2006 : Stipend for attendance of biophysics summerschool in Cargese, Corsica, France.

Diploma thesis

Title – *In vivo* manipulation of Drosophila syncytial blastoderm embryos using optical tweezers.

83 pages.

PhD thesis

Title – Dynamics and Mechanics of Zebrafish Embryonic Tissues. 197 pages.