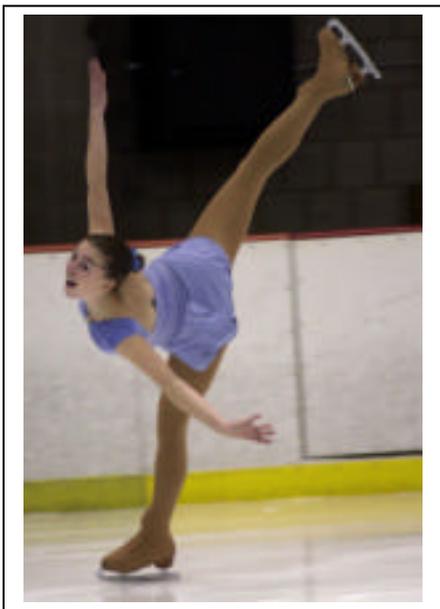


Emily Schaller



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2002

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This spring I will graduate from Dartmouth College with double majors in physics and earth science. I was a member of the 2001 Astrobiology Academy (NAABA2K +1) where I worked with Dr. Peter Jenniskens. My project was Delivery of Organic Material to the Earth via the Leonid Meteors. I had a great experience with my project and was invited to fly aboard the 2001 Leonid Multi-Instrument Aircraft Campaign. There were about twenty other scientists aboard the airplane and another Academy member, Avi Mandell, who was Peter's student from the 2000 Academy. I took spectral data of meteor trails from the window of the KC-135. The view of the meteor shower from 40,000 ft is an experience I will never forget.

At Dartmouth, I have had a wide variety of research experiences including studying Argon-rich filamentary knot structures in the Crab Nebula, cataloging micrometeorites collected from the South Pole with a Scanning Electron Microscope, and computer modeling of geodynamos. I am currently working on finishing up my senior thesis in which I am creating a computer model to track the evolution and size distribution of Interplanetary Dust Particles as they travel from the Asteroid Belt to the Earth.

Outside of schoolwork, I am a triple-gold level figure skater and have figure skated competitively since I was nine years old. I've been the president of the Dartmouth Figure Skating Team for the last three years. We placed 3rd at the National Intercollegiate Team Figure Skating Championships in March 2002! I also teach figure skating. I'm hoping I will be able to convince you all to accompany me to the rink up at Squaw Valley when we are at Doug's house at Lake Tahoe. It is definitely the most beautiful rink on which I've ever skated.

This fall I'm off to Caltech to start work toward a PhD in the division of Geological and Planetary Sciences. After growing up in rural Vermont and attending college in equally rural Hanover, New Hampshire, I'm very excited to spend the next 5 years Pasadena, CA.

I can't tell you how excited I am to be returning to the Academy this summer as a staff member. It will undoubtedly be a summer you will never forget. The connections you will