Let's meet the team

From Left to Right: Susan Moore, Joyce Fischer, Dr. Dave Duda, Dr. Lin Chambers, Carol Clark, and Roberto Sepulveda. (team member Dr. Pat Minnis not shown)

**Dr. Lin Chambers** Dr. Lin Chambers began her interest in clouds, airplanes, and contrails as a child when she flew to and from Europe with her family. She has pursued this interest in her job since 1994 as a member of the Clouds and the Earth's Radiant Energy System (CERES) team. This team is responsible for 5 CERES instruments currently in Earth orbit. They study the effect of clouds on energy transfer in the Earth System, and on our climate. Lin has three degrees (Bachelor's, Master's, and PhD) in aeronautical and aerospace engineering. She spent 10 years working on modeling heat transfer to spacecraft entering planetary (including Earth!) atmospheres before that. She recommends learning as much as you can about math and computers, so that when those new and exciting opportunities arise you will have the skills to pursue them.

**Dr. Pat Minnis** has been fascinated by contrails for many years, especially since NASA began to consider in the early 1990's how they might affect climate. He has been studying clouds from satellites since 1977 and started examining how contrails turn into cirrus clouds in 1993. He still finds contrails very interesting, yet difficult to study.

**Dr. Dave Duda** has been interested in contrails ever since he was eight, when he wondered why airplanes sometimes make contrails, and why sometimes they don't! He has been studying cirrus and contrails for eight years at both NASA Goddard and NASA Langley.
Although he understands contrail formation much better now, contrails are still a source of wonder for him.

**Susan Moore** has always loved math and science, but also enjoyed writing poetry and short stories. Even though her teachers encouraged her to become a writer, she earned both of her college degrees in math education. While taking many English, math, and education classes, she also became interested in physics. Then later she took chemistry classes so that she could earn a license to teach both math and science. She taught math and science at the middle- and high-school levels for thirty years. As an educator with the GLOBE Contrail Education team, she continues to enjoy visiting classrooms and after-school groups to share the excitement of learning!

**Joyce Fischer** has been the Administrative Assistant to the CERES S'COOL (Student' Cloud Observations On-Line) project since 2001. She will now be applying everything she has learned about clouds and teachers to the GLOBE contrail protocol. She enjoys watching clouds go by and contrails streaking across the sky. She is delighted to be a part of GLOBE.

**Roberto Sepulveda** has been on 'Cloud 9' since joining the CERES team in 2000. He was brought on as a Spanish translator but quickly moved into a role as a teacher-in-residence. He has 13 years experience as a high school science teacher and an adjunct professor at a local university. He is thrilled to have the opportunity to 'track' contrails on a GLOBE-al level and looks forward to sharing this research with students around the world.

**Carol Clark** has been teaching for 9 years, and currently teaches Fifth Grade in Sheridan, Oregon. She attended the CERES S'COOL teacher workshop last summer, and her students have been "Looking Up" at clouds ever since. Carol is excited to be a part of the GLOBE Contrail study; as she still has many questions about those fascinating lines in the sky.

see the careers page for more contrail-related career choices