

Dr Wayne Carl Thresher,



Born 1954 in Corning Hospital, New York State, USA

Microscopy

My career in science began in 1962 when I was the proud recipient of a very nice, light microscope. I was eight. I read about Antoni Van Leeuwenhoek and rediscovered his "animalcules". I visited many of the world's that swirl amidst a water droplet's hot mazes. I watched the great paramecia consume hundreds of yeast cells and patiently observed as the slippery beasties powerful digestive machinery slowly eroded the yeast's exteriors until they ruptured, spilling their rich contents. (Mmmmm, vegemite!) The universe was infinitely small.

Chemistry

After a brief affair with home-brew and explosives, I became interested in chemistry and physical sciences, mainly because I got Mr. Josbeno as a teacher. He demonstrated quantum energy transfers using basketballs for photons and ungainly leaps from floor to chair to desktop. He showed me how to stop a terrorist bully by using my head. My forehead, that is, bashed into the offenders intimidating schnozz, in effort to loose a torrent of animalcules. It worked. I became a scientist.

When I went to university I studied the chemistry and biology and made some small discoveries. Meanwhile, people were writing some very interesting things about space science. The Internet brought even more information. Then the Hubble Space Telescope opened her beautiful eyes and gave us all visions. I started to think more about extraterrestrial life and more worlds lost amidst the hot mazes. The universe was infinitely large.

Life, the Universe and SETI, I think that ET's exist all over the place, but at very low densities. I consider interstellar distances cruel and unfair. I try not to take it personally. But we are stuck with it and that's that. Photons are the fastest and most economical "spaceships" we have (I'm equally miffed about quantum realities in case you're interested). The most likely way for us to find the little green guys is to look for their photons. They expect it of us. Seems so little to ask.

The people that support and do SETI come from many walks, but they are rarely pajama people. My best friends are in this little, but growing community. It's really a nice place. But, How far can you go with SETI? To what extent? To the extent that you can leave your cynicism's and preconceptions behind, to the extent that you can accept the truths of the physical universe whether you like it that way or not, And to the extent that you can let your wonderful imagination

drive you to purposeful action, to those extents you can contribute to the absolute most biggest humungous ultra-mega-hyper discovery of all human endeavor. All from our own backyard's. (Dorothy & Alice would be proud!)

Seti Projects

Currently, I am building my project Argus station in the beautiful Pohangina Valley North Island New Zealand. It consists of a 7 metre dish, Hydrogen line Feed horn, DEM LNA, DEM down converter and YAESU VHF Receiver. My computer will be running the new SETI software package being developed in Australia by the SETI Research & Community Development Institute.

I am also working on the re-commissioning of the Lindale 15 metre Saturn dish located just north of windy Wellington, in conjunction with Prof. Ed Budding. We hope to resurrect this instrument in the role of Radio Astronomy/Seti early next year.

My Current Interests

- **Most Effort**
- **SETI-Setting up an Argus station in New Zealand**
- **Electronics**
- **Radio astronomy & Lindale Project**
- **Modeling comets and interstellar dust Chemistry surfaces in a vacuum. (anybody got a good vacuum pump?)**
- **Cosmic catalysts**
- **Moving Satellite dishes around new Zealand**
- **Medium Effort Building the ultimate barbecue**
- **Restoring a 1962 Corvette**
- **Improved fly-casting.**

Least Effort

- **Cleaning up my workshop.**
- **Counting my change.**

Schools:

- **Associates in Science/Corning Community College 1976 Math/Science Major**
- **BS/MS/PhD/North Carolina State University 1987- Biochemistry**
- **Research projects at Oregon State University/USA and Umeo University/Sweden 1992-3**

Jobs:

- **76-81 Corning Glass Works Technician**
- **87-90 Central Soya. Scientist**

- **3 months Syntex/Syva- Scientist**
- **93-now NZ Dairy Res. Inst. Scientist**