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MY NSS EXPERIENCE

ISDC

I attend ISDC nearly each year and have presented ten times including on two panels. I consider ISDC the premier conference for space advocates in that it draws advocates from every sector of the advocate community.

I have served on the ISDC Planning Committee including having organized and chaired a full-day track on the topic of Achieving Earth Independence which was generally viewed as a success.

Frisco, TX

My Space Development Network contributed a large inflatable base display at ISDC-Frisco in 2023. This was the full-scale InstaBase mock-up serving as a backdrop to our Space Fair which contained numerous exhibits illustrating the broad spectrum of space development. During the conference, students went into the InstaBase display to conduct educational projects.

NSS Roadmap Committee

I participated in the NSS Roadmap Committee, and we systematically identified the milestones of space development. In particular, my participation resulted in the identification of two additional milestones which were included in the final version.

Local Chapters

Whereas I live in an area without a conveniently-located NSS chapter, I have been invited to and have presented at two NSS chapters (Tucson L5 Space Society & North Texas).

NSS Space Forum

I have appeared as a guest twice on the NSS Space Forum being interviewed about the topic of the InstaBase and in a destinations debate where I represented the lunar perspective.

MY OTHER SPACE ADVOCACY EXPERIENCES

Presentations

I am knowledgeable in a wide variety of space development topics having presented about 30 times at in-person conferences, 16 times via Zoom, and on about 27 (internet) radio shows.

The Space Development Network

I founded a projects-oriented space advocacy organization with about 200 members. We meet via Zoom in Working Groups focused on specific projects attempting to advance the cause of space development to the extent that we at the space advocate level are able. We have had about two dozen Zoom working group meetings over the years. We have also developed an extensive website covering space development.

Local Space Interest Group

Since we live too far from an NSS chapter, some of my local friends and I meet on occasion for food and to discuss a space topic. We regularly discuss space tech events via our WhatsApp group.

Space Projects

I have developed and worked on approximately 40 space-related projects sometimes with other advocates and sometimes by myself.

Space Fair

I was the lead developer of a set of exhibits composing a Space Fair. This can be transported via trailer and displayed (with the InstaBase mock-up) at public events. Because of my limited free time, I would be interested in working with other NSS members (especially in the Southwest) to take advantage of this resource.

StarHab

I have worked as part of an international group to design and 3D print a 40-inch model of a concept of a landed Starship tilted down on its side and then with its tanks opened to establish a base 2.5 times the internal size of the ISS in a single landing.

Scientific Paper

I published and presented an AIAA, peer-reviewed scientific paper on the subject of extending crew stay.

Space Development Steering Committee (SDSC)

I am a regular, active participant in Howard Bloom's weekly SDSC telecons.

Mars

I am closely partnered with the Mars Foundation, have participated in multiple Mars Society Conventions including about 20 presentations including at the Mars Society Steering Committee. I believe that Mars development is likely going to occur simultaneously with lunar development in the 2030s and am actively developing concepts for early ISRU and fabrication to accelerate Martian base and settlement.

Alliance for Space Development (ASDs)

Through my Space Development Network, I have participated in the ASDs networking calls.

Lobbying

I have participated in about 25 congressional office visits over a period of three years advocating for space development.

Book

I am about to complete a 250+ page book about lunar development.

OTHER ORGANIZATIONAL EXPERIENCES:

American College of Lifestyle Medicine (ACLM)

I was one of the founding officers of a new specialty medical organization. Starting from scratch, I managed secretary and treasurer responsibilities and was the lead officer establishing organizational structures including accounting, membership on-boarding processes, and I was the lead organizer of its first annual conference. Although my involvement was early on, the ACLM now has more than 15,000 members, has a large annual conference, and helped establish board certification for the new specialty.

Student Government

I have held three student government positions including SA president of a health science university. I have extensive experience working with officers and committees and consider myself to be equally capable as a team player and leader.