



BOARD OF SUPERVISORS
COUNTY OF HUMBOLDT

825 5th Street, Suite 111, Eureka, CA 95501-1153
Telephone (707) 476-2390 Fax (707) 445-7299

APPLICATION TO SERVE ON THE HUMBOLDT COUNTY

PROJECT TRELIS COMMITTEE

APPLICANT NAME:

Dr. Thomas Handwerker

MAILING ADDRESS:

[REDACTED]
Eureka, CA 95507

TELEPHONE: Home:

Work:

Mobile:

[REDACTED]

E-MAIL ADDRESS:

tom.handwerker@manawell.net

OCCUPATION:

Retired Professor

ARE YOU A CURRENT EMPLOYEE OF OR VOLUNTEER FOR THE COUNTY: Yes No

Alternate on Project Trellis

PERSONAL REFERENCES:

(1) Susie Hollish

PHONE:

[REDACTED]

(2) Mark Baumstone

PHONE:

[REDACTED]

PRIOR ADVISORY BOARD OR BOARD OF DIRECTORS EXPERIENCE? NO

YES

Project Trellis

ON THE BACK OF THIS PAGE OR A SEPARATE SHEET OF PAPER, PLEASE ANSWER THE FOLLOWING QUESTIONS:

1. WHAT IS YOUR FAMILIARITY WITH PUBLIC AGENCY BUDGETING AND/OR COUNTY GOVERNMENT?
2. DESCRIBE YOUR EXPERIENCE WITH THE CANNABIS COMMUNITY AND/OR CULTURE.
3. DESCRIBE YOUR EXPERIENCE WITH GRANT WRITING OR GRANT REVIEW PROCESS.
4. WHY ARE YOU INTERESTED IN SERVING ON THE CANNABIS MICRO-GRANT ADVISORY COMMITTEE?

PLEASE ATTACH A CURRENT RESUME.

I declare under penalty of perjury under the laws of the State of California that the above statements and all attachments are true and correct

DATE:

July 31, 2021

SIGNATURE:

[Signature]

SUBMIT THIS APPLICATION TO:

Clerk of the Board, 825 Fifth Street, Suite 111, Eureka, CA 95501-1153.

DATE TO SUPERVISOR _____

DATE APPROVED _____

NOT APPROVED _____

Cannabis Micro-Grant Advisory Committee

1. What is your familiarity with public agency budgeting and/or county government?

Maintained a budget and auditing trail for several million dollars of research and construction grants while supervisor of the Small Farm Institute at the University of Maryland. Interacted with State Controller's office as needed.

2 Describe your experience with the cannabis community and/or culture.

Friends requested my assistance in 2016 to come to Humboldt County because of the perceived difficulty with small family farms being unable to comply with local and state regulations but found them to be the best horticulturists I have ever met. Working on R&D technology that creates a profitable production model for the cottage growers of less than 2,500 sq ft



3. Describe our experience with grant writing or grant review process.

Awarded grants from USDA, SBIR, MIPS, USAID, Dept. of Commerce, and Kellogg Foundation.

Served on review panels for: USDA, USAID, World Bank.

4. Why are you interested in serving on the cannabis micro-grant advisory committee?

Hope to provide some expertise and insight on how small grants can lead to big benefits in the community and help the cannabis industry as a whole.

THOMAS S. HANDWERKER, Ph.D.

Current Address: Eureka, CA (Humboldt County)
Grass Valley, CA (Nevada County)



EDUCATIONAL BACKGROUND:

B.S. (1973) University of Tennessee, Knoxville, TN
M.S. (1976) Cornell University, Ithaca, NY
Ph.D. (1979) Cornell University, Ithaca, NY

PROFESSIONAL EXPERIENCE:

2016- Present	Chief Scientist, CCO	MannaWell LLC Trinidad, California
2007 - 2013	Principal - Business Development	Grey Fox Holding, LLC DE
2002 - 2004	Owner and Manager	Just Shrimp, Inc. Laurel, DE
1987 - 2013	Tenured Full Professor	University of MD System-joint appointment
1980 - 1986	Owner and Manager,	Best Farms, Inc. Hearne, TX
1979 - 1983	State Extension Horticulturist (Pomology)	Texas A&M University, College Station, TX

U.S. PATENT AWARD:

T. S. Handwerker and Clement Counts, III. Maintenance-Free Enhancement of Aquatic Biological Filters Using Amphipods. UM-93-065. U.S. Patent 5,466,373 November 14, 1995

**RESEARCH PUBLICATIONS (13); PUBLISHED ABSTRACTS (7); BOOK CHAPTERS (4);
MAGAZINE ARTICLES (2); PROCEEDINGS (9); EXTENSION PUBLICATIONS (20); and funded BUSINESS
PLANS (5)**

COMPETITIVE FUNDED GRANTS AND PROJECTS (30) Totaling \$10.81 Million.

REGIONAL PROPOSALS AS UMES COOPERATOR (5) Totaling \$3.7 Million

PANEL GRANT REVIEWER: USDA, USAID, SBIR, World Bank, and MIPS.

CANNABIS COMPLIANCE APPLICATIONS: Washington DC, Maryland, Pennsylvania, and California.

ACADEMIC HONORS AND AWARDS:

Outstanding Freshman in Agriculture (1970) Outstanding Sophomore in Agriculture (1971)
Outstanding Junior in Agriculture (1972)
Research Appointment, Oak Ridge National Laboratories (1972) Oak Ridge, TN
Outstanding Senior in Agriculture (1973) University of Tennessee, Knoxville, TN
National President of Collegiate Horticulture Clubs (1973) American Society for Horticultural Sciences
University Community Service Award (1991) University of Maryland Eastern Shore, Princess Anne, MD
USDA-NRCS National Recognition for Sustainable High-Tunnel Engineering (2012)

COMMERCIAL PROJECTS:

Special Assistant to the President- Presidential Initiative for Non-Profit Foundation for Economic Development (MD Hawk Corporation). Network Development for Small Farms (Demonstration Corporate receipts \$125 Million)
Obtained Funding and supervised construction of three research greenhouse ranges, an aquaculture research laboratory, organic chemistry testing facility, a 2.5-acre greenhouse facility for commercialization.
Expertise in Vernier Soilblocking technology, welded-wire panels, tissue culture, and MgO based cements since 2001. High Tunnel cannabis demonstrations, 2016-2018. World Bank, UN Development, and missionary outreach.
Patent License for Fractalized Cannabis Powders

CONSULTING: England, Bangladesh, Costa Rica, Netherlands, Jamaica, Univ. of West Indies, Ghana, China, and El Salvador. Domestic clientele in Texas, Florida, Colorado, Delaware, Massachusetts, Louisiana, Virginia, California, and Ohio.