

TIMOTHY JON HUDELSON

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EDUCATION

- MS 2005 Utah State University
Crop Physiology (emphasis: Ethylene Sensitivity)
Expected
- BS 1992 Utah State University
Fisheries and Wildlife and English (emphasis: Fisheries Management and Writing,
respectively)

EXPERIENCE

Crop Physiology, Graduate Research Assistant: February, 2002 – Present. Crop Physiology Lab, Utah State University, 1410 N. 800 E. Logan, UT 84341. Dr. Bruce Bugbee, (435) 797-2765.

*Researched plant hormone sensitivity in growth chamber and greenhouse facilities;
Assisted in proposal writing and articles for journal submission;
Graduate Teaching Assistant in Crop Physiology and the Crop Physiology Lab;
Extensive use with environmental sensors and microscopes;
Extensive use with spectroradiometers, infrared gas analysis, and gas chromatography;
Extensive datalogger programming, spreadsheet, and word processing use;*

Forest Restoration, Field Research Assistant: Mar, 2001-Aug, 2001. Ecological Restoration Institute, Northern Arizona University, P.O. Box 15018, Flagstaff, AZ 86011. Dr. Pete Fulé, (928) 523-7182.

*Analyzed forest health, including canopy and understory components;
Mapped forest plots to determine forest growth dynamics and restoration practices*

Agroforestry Extension, U.S. Peace Corps Volunteer: Jul, 1998-Sep, 2000: Uganda and Kenya. Uganda – EPED, Box 253, Masindi, Uganda. Frank Turyatunga: 256-465-20357. Kenya – ARDAP, Box 11, Bar Ober-Busia, Kenya. Macdonald Wesonga.

*Taught proposal writing about community-based wetland conservation initiatives;
Organized committees to develop economic and environmental policy;
Addressed public gatherings, both planned and impromptu;
Conducted biodiversity survey of native and non-native forest and wetland flora;
Assisted a small CBO to develop and maintain a Tilapia fish pond;*

Plant Ecophysiology, Research Assistant: Mar, 1989-Jun, 1998. Ecology Center, Utah State University, UMC 5230, Logan, UT 84322. Steve Flint: (435) 760-3650.

Conducted field and greenhouse studies on nutrient acquisition of rangeland plants;
Conducted field and laboratory studies on plant responses to UV radiation;
Assayed phenolics and carotenoids from leaf epidermal cells;
Conducted spectrophotometer transmittance tests;
Extensive datalogger programming, spreadsheet, and word processing use

Field Technician, Limnology: Summer, 1992. Ecology Center, Utah State University, UMC 5210, Logan, UT 84322. Dr. Chris Luecke: (435) 797-2463.

Surveyed plankton populations in Lake Margaret, AK;
Collected, preserved, and processed phyto- and zooplankton samples;
Assessed health of indigenous and anadromous salmonids;
Tagged salmonids with subcutaneous tags

English Tutor: Oct, 1988-Jun, 1992: Writing Center, Utah State University, UMC 3200, Logan, UT 84322. Andrea Peterson: (435) 797-3853.

Assisted university students to develop good writing and editing skills;
Administered writing exams to Education students

Lab Assistant, Stream Ecology: Sep, 1987-Jun, 1988. Ecology Center, Utah State University, UMC 5210, Logan, UT 84322. Dr. Charles P. Hawkins: (435) 797-2280.

Identified aquatic invertebrates and their habitats;
Extensive use with microscopes

Seasonal Aide, Waterfowl Management: Oct, 1986-May, 1987. California Dept of Fish and Game, Mendota Wildlife Area, P.O. Box 37, Mendota, CA 93640. Robert Huddleston, (209) 655-4645.

Assessed waterfowl nesting habitat and predator presence for Duck Stamp Project IV;
Conducted pair count transects for Duck Stamp Project IV;
Identified waterfowl at hunter check station;
Assessed migrant waterfowl usage of agricultural drainage ponds

Mosquito Control Officer: Summers, 1985-1991. Teton County Road and Levee Dept, Box 1727, Jackson, WY 83001. Don Barney: (307) 733-7190.

Worked with landowners, county officials, and pro- and anti-control groups
Worked to develop an environmentally conscious mosquito control program

PROFESSIONAL MEMBERSHIPS

American Association for the Advancement of Science (Current)
American Society of Agronomy (Current)
Sigma Tau Delta, English Honor Society (Current)
American Fisheries Society (1986-1989)

AWARDS

Class of '50 Scholarship (Fisheries and Wildlife) – 1988
Emma Eccles Scholarship (English) – 1991
Resident Tuition Waiver (Plant Science) – 2004

OTHER QUALIFICATIONS

Languages spoken: Spanish; Kiswahili
Laboratory safety training: 1997, 2002 – present
Mechanics, writing, hiking, hunting, fishing, darts, leathercraft, roofing

PUBLICATIONS

Hudelson, T.J. and B. Bugbee. 2004. Controlling Ethylene Sensitivity in Tomatoes. Plants, Soils, and Biometeorology Departmental Seminar.

Hudelson, T.J. and B. Bugbee. 2004. Ethylene Reduces Yield in Crop Plants. Plants, Soils, and Biometeorology Departmental Seminar.

Hudelson, T.J., S.P. Klassen, and B. Bugbee. 2004. Temperature effects on ethylene sensitivity in dwarf tomatoes. The Sixth Annual Intermountain Paper and Poster Symposium, Mar 4, 2004, Logan, UT. (Poster)

Hudelson, T.J., S.P. Klassen, and B. Bugbee. 2004. Temperature effects on ethylene sensitivity in dwarf tomatoes. Habitation Conference, Jan. 2004, Orlando, FL. (Poster)

Hudelson, T.J., S.P. Klassen, and B. Bugbee. 2003. Temperature effects on ethylene sensitivity. American Society of Agronomy Annual Meeting, Nov 2-6, 2003, Denver, CO. (Poster)

Hudelson, T.J. 1990. *So*. The Crucible. Utah State University, Logan, UT. (poetry)

Hudelson, T.J. 1989. *Oppositions*. The Crucible. Utah State University, Logan, UT. (poetry)

Hudelson, T.J. 1988. *Laces of Acorn*. The Crucible. Utah State University, Logan, UT. (poetry)