

# Curriculum Vitae of Derek Pinnock

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## Experience

CROP PHYSIOLOGY LABORATORY, UTAH STATE UNIVERSITY  
*Graduate Research Assistant* June 01 to present  
*Undergraduate Laboratory Assistant* Oct. 98 to June 01

DEPT. OF PLANTS, SOILS, & BIOMETEOROLOGY, UTAH STATE UNIVERSITY  
*Graduate Teaching Assistant* Crop Physiology 2002  
*Undergraduate Teaching Assistant* Soil and Water Conservation 1999 & 2000

USDA/ NATURAL RESOURCES CONSERVATION SERVICE, BOISE, IDAHO  
*Assistant Soil Scientist* May to August 2000

## Education

M.S. UTAH STATE UNIVERSITY, LOGAN, UT *Estimated Graduation May 2003*  
**Major: Plant Science/Crop Physiology**

B.S. UTAH STATE UNIVERSITY, LOGAN, UTAH *May 2001*  
**Major: Crop Science/Agronomic Research**  
**Minor: Chemistry, Soils**

A.A.S. RICK'S COLLEGE, REXBURG, IDAHO *May 1998*  
**Major: Agronomy/Crop and Soil Science**

## Awards and Scholarships

Graduate Assistantship June 2001-present  
Western Undergraduate Exchange Scholarship (half-tuition waiver) 1998-01  
John E. and Ruth M. Osguthorpe Scholarship 2000-01  
D. Kenneth Christian Scholarship 2000-01  
Evan B. Campbell Scholarship 2000-01  
Glen E. Leggett Scholarship 1999-00  
College of Agriculture Alumni Assoc. Scholarship 1999-00  
Dean's List Academic Scholarship 1997-98  
Outstanding Freshman in Agronomy 1996-97

## Memberships

Agronomy and Crop Science Society of America 2002-present  
Mortar Board National Honor Society (Sigma Phi Eta Chapter) 2000-01

## Publications

Klassen, S. P., Ritchie, G., Frantz, J. M., **Pinnock, D. R.**, and Bugbee, B. Real time imaging of ground cover: relationships with radiation capture, canopy photosynthesis, and relative growth rate. *Crop Sci.* *Submitted 8-2-02*

Frantz, J. M., **Pinnock, D. R.**, Klassen, S., and Bugbee, B. Characterizing the environmental response of a gibberellic acid deficient rice for use as a model crop. (*in internal review*)

## Presentations

Poster Presentation at American Society of Agronomy. "Leaf Temperature: Applying the Crop Water Stress Index to Controlled Environments" **Pinnock, D. R.**, B. Bugbee, and R. C. Morrow. in Indianapolis, IN. 2002

Oral Presentation at 4th International Conference on Life Support and Biosphere Science. "Characterizing >Super Dwarf= Rice for use in Advanced Life Support" Frantz, J. M. , **Pinnock, D. R.**, Klassen, S., and Bugbee, B. in Baltimore, MD. 2000

Oral presentation at American Society of Gravitational and Space Biology. Advantages of >Super Dwarf= Rice for Studies in Microgravity and for Advanced Life Support@ Bugbee, B., Klassen, S., Frantz, J. M., **Pinnock, D. R.**, and Dougher, T. A. O. in Seattle, WA. 1999