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Douglas D. Piirto
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Resume

Crestline Forestry Inc.
Piirto Farm Ltd.
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Educational Background

Certificate	University of California, Berkeley	Silviculture--Sept., 1979
Ph.D.	University of California, Berkeley	Wood Science--June, 1977
M.S.	Colorado State University	Forest/Wood Science—Dec., 1971
B.S.	University of Nevada, Reno	Forestry--June, 1970

Professional Experience

Crestline Forestry. Owner and Consulting Forester. I have completed over the last four years development and presentation of: 1.) six three-day short-courses focused on timber sale preparation for the USDA Forest Service; and 2.) twelve USDA Forest Service workshops focused silvicultural practices. I have also completed forestry consulting assignments for several landowners. Associated with this business is ownership of the Piirto Farm Ltd. located in Trout Creek, Michigan.

California Polytechnic State University, Professor Emeritus, Professor of Forestry, and NRES Department Head, 1985 to August 2015. I served as the Department Head (1989-90, 2001 to 2015). As NRES Department Head I successfully led efforts to maintain SAF accreditation for the Forestry and Natural Resources in 2004 and 2014. I also successfully led efforts to reorganize the department developing enhanced strategic Mission and Vision Statements. I also served as Swanton Pacific Forest Projects Coordinator from (1987 to 2015) as the Responsible Registered Professional Forester for ongoing forestry activities. I have supervised completion of Timber Harvest Plans/NTMPs grossing \$6,000,000 income to date for the Swanton and Valencia school forest properties. I actively participated in the effort to obtain Forest Stewardship Council certification for Swanton Pacific Ranch. I participated in annual FSC audit reviews of the Cal Poly Swanton Pacific School Forest. As a retired Professor Emeritus, I occasionally teach a forestry course when requested.

California Board of Forestry and Fire Protection (BOF). Member appointed by the Governor and approved by the California Legislature. I served on the BOF from April 2007 to 2012.

Seinajoki University of Applied Sciences in Finland Visiting Forestry and Natural Resources Management Professor during sabbatical leave and short-term assignments in the Fall 2006, 2011, 2012, 2014, and 2015.

USDA Forest Service, Sequoia National Forest, Forest Scientist/Forester consultant from 1995-2003. Developed several major peer reviewed publications on

ecosystem management of mixed conifer-giant sequoia groves. I was appointed by Presidents Bush and Clinton to serve on the FACA Science Advisory Board for the Giant Sequoia National Monument.

USDA Forest Service, Sierra National Forest, Served as a Professional Forester and Silviculturist developing ecosystem management plans, vegetation management plans, silvicultural prescriptions and timber sale preparation work, 1990-1996. Certified Silviculturist (recertified August 1991). This consulting/interdisciplinary work was done as part of my Cal Poly professional development.

USDA Forest Service Instructor, 1977-present. I provided in-service professional forester training upon request of three two-year programs for Forest Service personnel.

California Department of Forestry and Fire Protection Instructor. I served as the lead instructor for a two-week Silviculture short-course for CDF foresters.

Washington Institute, Instructor. Over a several-year period I was asked to provide lectures for various fire effects short-courses sponsored by Washington Institute.

USDA Forest Service, Sierra National Forest, Pineridge Ranger District, Timber Management Officer and District Silviculturist, 1980-1985 (5 years). Responsible for timber sale preparation (35 MMBF/year) and reforestation/timber stand improvement programs. Developed Environmental Assessment Reports, Timber Sale Plans/Appraisals/Contracts. Fire suppression/law enforcement when needed.

USDA Forest Service, Sierra National Forest, Kings River Ranger District, Forester 1979-1980 (1 year) in charge of Small Timber Sales Program and sale administration of assigned timber sales. Developed Environmental Assessment Reports, Timber Sale Appraisals/Contracts.

USDA Forest Service, Shasta Trinity National Forest, Inventory Forester, 1979-1979 (4 months). Responsible for providing timber input for land management planning. Served as Contracting Officer Representative for three large timber typing contracts using aerial photos-remote sensing imagery.

USDA Forest Service, Sierra National Forest, Kings River Ranger District, Presale Forester, 1977-1979 (2 years). Responsible for timber sale preparation work (50 MMBF/year). Developed Environmental Assessment Reports, Timber Sale Appraisals, Reforestation/TSI Plans, and Timber Sale Contracts.

Kings River Community College, Forestry Instructor (part-time), 1980-1985 (5 years). Courses taught: Forest Biology, Conservation, Fire Control.

University of California, Berkeley, Graduate Research Assistant, 1972-1977 (5 years). Analytical research work in forest and wood science, technical writing.

Colorado State University, Fort Collins, Graduate Research Assistant, 1970-1971 (2 yrs). Analytical research work in forest and wood science, technical writing.

USDA Forest Service, Winema National Forest, Chiloquin Ranger District, Timber Stand Improvement Crew Leader, 1969-1969 (4 months). TSI and reforestation work, fire suppression.

USDA Forest Service, Plumas National Forest, Milford Ranger District, Engineering Aid, 1968-1968 (4 months). Surveying forest roads/fire suppression.

University of Nevada at Reno, College of Agriculture Soil and Water Testing Laboratory, Laboratory Assistant, 1969-1970 (1 year).

Credentials and National/State/Local Organization Involvement

- Director for the Las Tablas Upper Salinas River Resource Conservation District appointed by the San Luis Obispo Board of Supervisors. This was a volunteer assignment starting in 2015 and ending in June 2017.
- Member of the California Board of Forestry and Fire Protection (BOF) appointed by the Governor in April 2007 to January 2012. Also, past Chair of the BOF Forest Management committee and member of the BOF Forest Policy committee.
- Chair (2006 thru 2008) of the Western Region of the National Association of University Forest Resource Programs (WNAUFRP).
- State of California Registered Professional Forester license (No. 2179) initially issued January, 1984. Member of the California Licensed Forester's Association.
- Certified Forester--Society of American Foresters.
- Society of American Foresters—2004-05 and 2013-14 Chair for the SoCal State Society. Prior to that, I served as 1994 and 1995 Chairman of Los Padres chapter. I also served as the 1983 and 1984 Chairman of the High Sierra Chapter in the NorCal State Society. Currently I serving as Science Chair for the SoCal State Society.
- Society of American Foresters Working Group Member: Silviculture, Silvicultural Instructors Sub-Group, Education. I also served on the field trip planning committee for the 1991 SAF national convention held in San Francisco, CA. I have made poster and oral presentations at several past national SAF conventions.
- 1992-95--Actively led and participated in Cal Poly's effort to achieve SAF accreditation of FNR program.
- 2012-14 and 2002-04--Led as NRM Department Head the SAF re-accreditation of Cal Poly's FNR program (i.e., re-accreditation occurs every ten years)
- Appointed to: 1.) Science Advisory Committee for the Giant Sequoia National Monument (i.e., FACA Advisory Group); 2.) State Forest Advisory Committee; 3.) State Pitch Canker Task Force.
- Project Learning Tree Facilitator for PLT Teacher Preparation Workshops
- Served on the planning committee, session moderator, and speaker for the 2011, 2004, and 1996 Coast Redwood symposiums and the 1992 Giant Sequoia symposium.
- Forest Products Society—Member.

- Society of Wood Science and Technology—Member.
- Sigma Xi—Member.
- Phi Sigma Kappa--Member and Cal Poly Chapter Advisor.
- Xi Sigma Pi, Forestry Honor Society--Member/past Cal Poly Chapter Advisor.
- Beta Beta Beta, Biology Honor Society—Member.
- Alpha Zeta Agriculture Honor Society--Member/past UNR Chapter Chancellor.

Professional Training (Obtained from Cal Poly, Forest Service, Society of American Foresters, U.C. Extension, CSU Faculty Development and Other Sources)

I have taken 43+ short-courses since completing my Ph.D. studies in 1977. These short-courses have been in the general areas of Leadership, Human Relations, Management, Archaeology, Forest Management, Fire Suppression, Environmental Impact Analysis, Teacher Instruction, and Technical Writing. A complete listing of the short courses I have completed as part of my continuing education efforts is available upon request. I maintain my SAF Continuing Education certificate.

Participation and Attendance at Meetings

- Participated in numerous scientific and professional conferences (1970 to present). Over the last several years I have obtained funding to take numerous Cal Poly students to the SAF national conventions.

Publications

(1970-2020): 206 Publications/Reports/Presentations as follows: 43 publications; 44 Technical Reports; 17 Study Guides/Lab Manuals/Web Pages; 7 professional reports; 11 Opinion Editorials. I have presented 84+ Invited Papers/Posters (i.e., speaking engagements). I have done numerous radio/TV interviews and several news stories focused on my forestry expertise area. I have also served as featured applied forest scientist in the: 1.) Redwood Magazine Summer 2020 article titled “Is It OK to Use Redwood as a Building Material.” 2.) Modern Marvels 2004 Logging Technology documentary; 3.) Forest Foundation and California Forest Products Commission DVD titled “Rethinking Forests” in July 2008; and 4.) the March 2009 Fox Sport Science program. Additionally, I have been involved in 18 consulting projects. A list of these publications, study guides, technical reports, consulting assignments, and invited papers can be found in my CV which is available upon request.

Honors, Recognition, and Credentials

- Recipient of the 2017/18 Marquis Who’s Who in America Lifetime Achievement Award and the 2017/18 Marquis Who’s Who in America Distinguished Humanitarian Award.
- Recipient of Francis Raymond Lifetime Forestry Achievement Award presented on August 24, 2016 by the California Board of Forestry and Fire Protection.
- Creation of the Douglas D. Piirto Endowment for Excellence in Forestry Education at Cal Poly State University in June 2015.
- Appointed to: 1.) Science Advisory Committee for the Giant Sequoia National Monument (i.e., Federal FACA Advisory Group) by Presidents Clinton and Bush; 2.) State Forest Advisory Committee; 3.) State Pitch Canker Task Force; 4.) Giant Sequoia Ecology Cooperative; and 5.) Member of the California Board of Forestry and Fire Protection appointed by the Governor.

- Elected in 2011 Society of American Foresters Fellow (for lifetime achievement).
- Recipient of a 2009 Certificate of Appreciation from the USDA Forest Service for serving on the Giant Sequoia National Monument Science Advisory Committee.
- Recipient from USDA CSREES 2004 Certificate of Appreciation recognizing my support provided for the McIntire Stennis ATR Biennial Meetings.
- Recipient of the 2000 Plant Science Award for Outstanding Service to the College of Agriculture at Cal Poly.
- Recipient of the 1995 Cal Poly College of Agriculture Outstanding Teacher award sponsored by Dole Food Company.
- Recipient of a 1988/89, 1995/96, 1996/97, 1997/98, 1998/99, and 1999/2000 Cal Poly Faculty Meritorious Performance awards.
- Promoted (early) to Professor with tenure September, 1989.
- Registered Professional Forester in California, RPF 2179.
- Certified Forester, Society of American Foresters.
- Certified Silviculturist, USDA-Forest Service, Region V, 2/82; recertified 7/91.
- California Community College Instructor Cred. No. 25 9 PII 001, Dec., 1979.
- SAF Continuing Education Certificates, 1981, 1985, 2002, 2005, 2008, 2011.
- Contributed articles to trade, professional and scientific journals.
- Listed in Who's Who in America and other biographical publications.
- Licensed for chain saws, power augers, trailer towing, snow mobiles operation.
- USDA-FS Firefighter ratings: Crew Boss, Resource Unit Leader.

Cal Poly/Crestline Forestry Professional Growth Funding Achievement 1986-2020

- As Project Director = \$1,515,149 (40 projects at Cal Poly).
- As NRM/NRES Dept. Program Manager for McIntire Stennis and Cal Fire Student Assistant Programs (approximately \$2,650,000).
- As Swanton Pacific Ranch Forest Projects Coordinator, I worked with others to generate approximately \$6,000,000 of timber sale net revenue to Cal Poly State University.
- As Owner/President of Crestline Forestry Inc. and Piirto Farm Ltd. I have successfully obtained and completed several major contracts for governmental agencies and private landowners.