

# Stefan Joseph Reinold

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## OBJECTIVE

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Integrate and develop the skills that I have acquired from my diverse professional and educational background to address and manage current issues within the field of forestry.

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## EDUCATION

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**Master of Science-** Colorado State University, Ft. Collins CO  
Dec 2002 Major: *Forestry* GPA: *4.0* Semester Hours: *42* Courses Taken: *Forest Ecology, Biometry, Geographic Information Systems, Integrated Tree Health, Public Lands Management, Quantitative Forest Management, Silviculture, Systems Ecology: Ecological Modeling, Timber Harvesting, Forest Product Marketing, and Timber Management.*

**Bachelor of Science-** University of Scranton, Scranton PA  
May 1995 Major: *Biology* GPA: *3.02* Semester Hours: *143* Concentration: *Ecology*

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## WORK EXPERIENCE

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**Colorado Forest Management** Denver, CO  
Aug 2004 – Present, 20-30 hours per week

### **Private Forestry Consultant and Owner**

- Meeting with landowners to discuss land management goals and objectives and proper forest management practices while identifying natural resource concerns.
- Writing of forest management plans (includes GIS, inventory, and research components) for forest agricultural tax status which will be registered with the Colorado State Forest Service.
- Updating of Forest Agricultural Management Plans (includes GIS, inventory, and research components).

**Jefferson Conservation District** Lakewood, CO  
Jan 2004- Present, 20-30 hours per week.

### **District Conservation Technician**

- Developed an outreach program to participants in the Colorado State Forest Service's (CSFS) Forest Agriculture Program, advertising the availability of cost share assistance through the Environmental Quality Incentives Program, Wildlife Habitat Incentives Program, and the Forest Land Enhancement Program.
- Identifying landowners with Forest Agricultural status who are located in the Jefferson Conservation District and helping them apply to the above-mentioned programs in order to address forest health issues.

- Cooperating with the CSFS, Farm Service Agency, and the Natural Resources Conservation Service (NRCS) to determine eligibility of forest landowners, identify application requirements, and establish application processes for these incentive programs.

**Colorado State Forest Service** Golden, CO

Jan 2004- Aug 2004, 20+ hours per week.

**Forester Seasonal**

- Updating of Forest Agricultural Management Plans (includes GIS, inventory, and research components).
- Meeting with landowners to discuss land management goals and objectives and proper forest management practices.
- Participate in prescribed burn implementations.
- Aid landowners in completing applications for cost-share assistance.

**Colorado State University** Ft. Collins, CO

Jul 2002- Jan 2004, 40+ hours per week.

**Research Associate- Department of Forest Sciences**

- Researched cost and production data associated with existing harvesting equipment and systems for comparative purposes. Studied new innovative equipment that can be utilized in forest restoration and thinning projects, and provided demonstrations of this equipment for Colorado use.
- Provided research and outreach support for contractors completing this work.
- Assisted in the teaching and organizing of a 400 level Forestry Field Practices course. Course included inventory and marking procedures, along with felling, skidding, and processing procedures in order to complete a forest restoration project.
- Taught a 400 level course, Timber Management. Course includes completing an inventory, analyzing stand data with FVS, Quicksilver, and Decision Plus computer software, and writing a stand management plan.

**Colorado State University** Ft. Collins, CO

Sep 2000- Jul 2002, 20+ hours per week.

**Graduate Student Research**

Sep 2000- Jul 2002 20 hours per week

- Worked with private and public agencies to survey and assess various harvesting systems used in wildland/urban interface thinning projects.
- Conducted an efficiency study of smaller scale harvesting systems for forest restoration in Colorado's Front Range.

**Forest Stand Inventory**

May 2001- Jul 2001, 3 months 40 hrs per week

- Conducted forest inventory for Directorate of Environmental Compliance and Management, at Ft. Carson Reservation and Pinyon Canyon Maneuver Site.
- Recorded plot information from over 400 plots detailing the health, regeneration status, and training impact, along with basic stand information.

**Colorado State Forest Service** Ft. Collins, CO

Feb 2002- Aug 2002, 20 hours per week

### **Assistant**

- Created and administered an industry survey to Colorado forest contractors and developed an updateable contractor database to centralize the bid list for contractors within the state.

### **National Park Service** Estes Park, CO

May 1999- Nov 1999, 40+ hours week

Grade and Series WG-3502-03

### **Rocky Mountain National Park Trail Crew**

- Hiked North District trails and administered maintenance repairs, including bridge repair, rock stairs, and proper trail drainage systems.
- Worked on an engine crew for 18 days (16 hours per day) during Texas Fires of Oct 1999.

### **AmeriCorps\* National Civilian Community Corps** Denver, CO

Sep 1996- Oct 1998

### **Team Leader Position** Denver, CO

Sep 1997- Oct 1998, 40+ hours per week

- Motivated and supervised fourteen individuals in the successful completion of six National Service projects within a seventeen state region. Coordinated with upper NCCC staff and project sponsors in order to plan and organize the logistics for each service project.
- Relevant Projects (Each project 8 weeks duration): **Indiana Nature Conservancy**-Exotic species removal; **New Mexico State Parks**-Cinder block picnic shelter construction and park maintenance; **City of Cherokee Iowa**-Environmental cleanup and park maintenance; **United States Forest Service**-Back country trail building. **National Park Service**- Exotic species removal and fuel reduction. **Federal Emergency Management Agency**- Sent to Florida Fires in July 1998 for 19 days 16 hours per day.

### **Corps Member Position** Charleston, SC

Sep 1996- Aug 1997, 40+ hours per week

- Worked on a ten member team to complete five National Service projects.
- Relevant Projects (Each project 8 weeks duration) **Francis Marion National Forest**- Fuels reduction, assisted in extinguishing two arson fires (8 days 16 hours per day); **Bird Sanctuary**- Assisted in controlled burns, and exotic species removals.

### **Jesuit Volunteer Corps South** Dallas, TX

Aug 1995- Aug 1996, 40+ hrs week

### **Big Brothers and Sisters Caseworker**

- Interviewed children and parents from single parent families, assessed their needs then advocated for a suitable mentor. Managed a caseload of approximately 60 clients. Implemented a new program relating to educational/career choices for high school aged clients.

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## **PUBLICATIONS AND PRESENTATIONS**

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**Sustainability Class, Colorado State University,** Ft. Collins, CO Apr 2003

**Classroom Presentation**-Demonstrated the costs involved with restoration harvesting and the feasibility of sustaining fuels reduction without government subsidies.

**Wildland Fire Defensible Space and Fuels Reduction**, Laramie, WY Mar 2003

**Workshop Presentation**-Presented information on harvesting equipment used to reach fuels reduction objectives along with cost data.

**Building Forest Restoration Businesses and Practices**, Durango, CO Dec 2002 **Conference Presentation**-Presented findings for contractor survey from Thesis, and key issues contractors need to address to remain economically efficient.

**Master's Thesis**- Nov 2002 "Small Scale Harvesting Systems For Restoration Thinning Projects In Colorado's Red Zone Forests".

**Colorado Mitigation Wildfire Conference**, Longmont, CO Sep 2002

**Conference Presentation**-Shared research findings from Thesis along with goal of future research projects.

**Smallwood 2002 Conference**, Albuquerque, NM Apr 2002

**Conference Presentation**-"Harvesting Systems for Thinning Restoration Projects Within The Urban/Wildland Interface Of Colorado" Comparative study of small scale harvesting systems.

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## SKILLS AND CERTIFICATIONS

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**Wildland Firefighter**- (S-130, S-190, S-212) 1997, (S-131, S-211, S-290) 1999. Red Card updated 3/04.

**Computer Literate**- Forest Vegetation Simulator Suppose, Basic GIS (database management), ArcGIS 8.1, Arcview, ArcCatalog, ArcMap, Quicksilver, PowerPoint, Word Perfect, Microsoft Word 97, Windows 2000, DOS, Lotus, Microsoft Excel, Visual Basic for Excel, Microsoft Works, d-Base, Lingo, Maple, Microsoft Access, SPSS, and many more.

**Society of American Foresters** 2000- Present

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## OTHER ACTIVITIES

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**Volunteering**- Lory State Park Trails. Volunteers for Outdoor Colorado, Headcount (Voter Registration). **Hobbies**- Guitar, Reading, Skiing, Hiking, Back Country Camping, Mountain Biking, Climbing and all team sports.