

**Jason Patrick Edward Smith**  
11/30/1993 - XX/XX/2XXX [Gregorian]

## CURRICULUM VITÆ, MMXXIII

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*"To touch with the hand of an animator..."*

Craftsman Class - Lifelong Learner - Polymath - Innovator - Entrepreneur - Educator  
- Author - Scientist - Philosopher - Renaissance Man - Artisan - Designer - Home-  
steader - Wildcrafter - Mountain Man - Laboratory Technician - Consultant - Investor -  
Watershed Manager - Private Sojourn - Common Law Contractor - Jus Soli - Sovereign

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*"To be charged with the powers of nature..."*

### Smithwerks Creative Services

**Independent, unincorporated, owner and operator (2016-present)**

Limited only by my own ambition, of my choice and volition, my entire adult life I have sought and accepted variegated learning and work opportunities to expand my consciousness, competence, and capabilities. I give credit for everything I am and have to where its due: the Creator of this realm, of Whose divine thought I am but an imperfect fractal manifestation. My whole life I have sought nothing but to serve my fellow Living Men and Women, in service to the common Good of every living being.

# BOUNDARY CONDITIONS CONSULTANCY & DESIGNWORKS

Contractor, Worker, Supplier, Provider, Producer

(2018-present)

## Description

Ecosystems Repair Specialist - Resilience Homestead Design - Ecology Technician

## Work Skills

Surveying - Equipment (clinometer, laser level, etc) operation - Directing water retention & functional earthworks - Designing site specific regenerative agroecological plant communities - Energy systems development - Guided plant and mushroom walks - Customized education experience - Homestead design, urban & rural - Large scale & small, Cross-departmental government/public lands - Private site assessment - On & off grid - Best practices for management of wildland urban-interface (WUI) - Fire mitigation - Water harvesting - Pollinator habitat - Bio and myco remediation - Cartography (digital, analog, formal, creative) - Development & retrofitting of properties for holistic optimization - Integrated water access structure planning - Plant identification, habitat typing and forestry for inter-mountain cold climate ecotypes - Design & installation of forest garden systems - Engineering - Bushcraft

Wood Heat, Appropriate Technology, Rocket Mass Heaters, Masonry Stoves, Wood Stove Systems, Thermal Mass, Passive Solar, design & build.

Electromagnetism safety consultant - Measurement & mitigation strategies - RF frequency, min/max & avg up through 8 GHz - Electrosmog, pollution - Household grid-tied dirty lines - E+B Fields - Product research, evaluation, application - Radioactivity, time averages

Patent research & development; forestry mulching machines, EMF harmonizing artifacts

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# THE NORTHERN ROCKIES PERMACULTURE RESEARCH INSTITUTE

Founder, Owner, Groundskeeper, Researcher

(2019-present)

## Mycology:

Small scale cultivation of gourmet and medicinal - tissue biopsy - cloning - agar media - natural culture for select coprophilic & saprobic species - log culture - BRF cakes -

Fruiting blocks - Bag culture - Cased grain - Bulk substrates - bucket tek - composting  
- remediation

### **Laboratory Technician Skills:**

Sterile technique - Soil sample preparation & Analysis - Grain transfers - Still air box -  
Laminar flow hood protocol - Fruiting room design and maintenance - Fresh air  
exchange/humidity systems - Liquid culture - Spore printing - Amateur Field  
Mycology - Intro DNA analysis

Volunteer Consulting Mycologist for North Idaho Poison Control (2021-present)

### **Microscopy (2020-present)**

Brightfield & Shadowing

Soil microorganism survey & analysis - Pathogens - Documentation - Art - Human  
health biology - Textures & morphology - Biological materials evaluations

### **Cryodessication (2021-present)**

Cleaning and maintenance of machine - Troubleshooting & problemsolving -  
Production of freeze-dried foodstuffs - Preparing samples - Preserving specimens

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## **AGRICULTURE**

Vegetables, fruits - On & Off Grid Experience - Irrigated & Dryland - Nursery  
Operations - Plant propagation from seed, cuttings, root divisions - Annuals,  
Perennials, Ground Covers, Forbs, Native, Naturalized, Useful & experimental  
species, Spores & spawn

Commercial Market Gardening (2018-2019)

Mulching - planting - transplanting - weeding - composting - manure shoveling - bed  
shaping - tilling - root cellaring - wheel barrowing - greenhousing - digging -  
transporting hay, manure, towing - feeding animals - predator control - watering -  
harvesting - cleaning - processing - seedsaving - fencing - etc.

Orchard establishment and maintenance (2018-present)

Tree work - planting - feeding - pruning - waste and mast disposal - irrigation - fruit  
thinning, picking, grading, processing - old/diseased tree removal - miscellaneous etc.

Urban reforestation plantings (2015), (2018-present)  
Public fruit & nut tree gleaning & cleaning (2018-present)  
Summer WWOOFing experience in Japan (2015), Australia (2018)  
Flower farming for Ornamental arrangements, weddings, shop/office displays (2018)

## **WILDCRAFTING**

Patch harvesting with harmonious ecological patterns of abundance & regeneration:  
Non Timber Forest Products (NTFP)

- Berries, Herbs, Mushrooms, Seeds, Resins, Roots, Craftwoods, Boughs -

Seed collection Instruction, Idaho Fish and Game (2018-2019)  
Seed gathering, Native Seed Foundation (2018)  
People-Wildlife behavior education/monitoring, US Forest Service (2017-2019)  
Monitoring and holding publicly accountable blatant malpractice on agencies parts  
Salvage transplanting of trees and useful or rare plants in future-development zones  
Niche identification & analysis, beneficial species seed distribution  
Pacific Northwest Ethnobotany

## **APOTHECARY**

Products description:

Custom home-scale kitchen chemistry batches made to order on annual basis, limited to seasonally available and preservation

Farmers markets in Kootenai & Boundary counties, custom mail orders (2018, 2020-21)

Herbal and root harvests and products - value-added medicinal processing - Oil infusions - Salves - Tea Mix - Decoctions - Alembic Distillation - hydrosols - Essential oils - Alcohol Distillation for Tincture - Soxhlet extraction

## **FOOD PRESERVATION**

Management of living seedbank - Perennial food forest: by design crops stored in ground

- Passive and Active Dehydration systems - High acid - waterbath Canning - Low-acid

Pressure Canning - Continuously Managed & Renewed Fermentation Culture Library -

Beets, Pickles, Kimchi (2015- present), Mead (2016-present), Vinegar

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## **AVIATION**

Unmanned Aircraft Systems (UAS):

Owner & operator (2018-present)

Surveying - Property inspections - Real Estate - Hobby - Wildlands management -  
Terrain exploration - Crop scouting/evaluation - Project documentation - Base map  
preparation - Orthomosaics - Fire fighting - Pollution control

Equipment used: DJI Phantom 4 Pro, Mavic 2 Pro

Naples Elementary School presentation:

”Using Drones for Regenerative Land Management” (2018)

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## SMITHWERKS CREATIVE STUDIOS

### Stop Motion Animation

*L’animateur!!*

Storyboard - Clay - Armature - Puppet - Abstract - Technical - Replacement frame -  
Synthetic & Natural materials - Set making - Rigging - Post production - Creative  
Development - Film review

”Scorned by Fate” KRSFF Film Festival - Best Animated Short (2014)

”Elements of Simplicity” - Best Animated Short, Best Overall Film (2015)

Contribution to StopmotionAnimation.com international collaboration ”Stopmo Jam”  
1 (2016), 2 (2017) and 3 (2021) 4 (2022)

Instructor of Saturday Academy Stop Motion Animation Classes (2016)

Video Prelude for Shakespeare Drama Production ”The Tempest” (2011)

Invited Talk to TSRR Friday Time noon Series: ”What is Animation?” (2011)

### Videography

DVD video filming and editing - Production for Online crowd funding Platforms (kick-  
starter, Gofundme, etc) - Online video streaming (Youtube, Vimeo, etc) - Aids for  
Special Presentations (Powerpoints, Award Ceremonies)

### Photography

Documentation, Project Photos, Por- trait, Senior, Wildlife

Equipment used: DSLR, Canon 5D MK III, 24-70mm, 70-200mm

### Music

Select multi-instrument solo albums:

Price of freedom (2013)  
Reflections of Childhood (2015)  
The Idaho Mountain Suite (2017)

Chamber Singers Tenor Section leader (2011-2012)  
Trinity School, Eagan MN State Competition, categories in Small Ensemble and Choir  
40/40 rating (2011-2012)  
University of Portland Wind Symphony, Percussion Section (2012-2013)

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## **INDEPENDENT CONTRACTING**

Firewood cutting, selective thinning, woods work  
Carpentry, plumbing, solar system electric  
Snow removal, Lawn mowing, Landscaping  
Miscellaneous work trade arrangements

## **MACHINERY**

Experience operating: 16 Ton excavator, 2 Ton Tractor, Mini-excavator, School bus,  
Basic MIG Welding

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## **PUBLICATIONS**

### **Books**

Syntheses & Analytics Volume I (Published 2020)  
(267 p) (ISBN 978-1-7363477-0-6)  
Syntheses & Analytics Volume II (Published 2020)  
(355 p) (ISBN 978-1-7363477-1-3)

### **Articles**

Boundary Conditions Annual Solstice Newsletter (2018-present)  
Contributing Author, journal, newsletter articles  
Inland Northwest Permaculture Guild, Inland Foodwise Online (2017)  
Homestead Journal (2021)  
Blogs (2016-present)

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## **EDUCATOR**

Some Example Classes:

Physics, Mathematics, Animation, Philosophy, Permaculture: Designing Forest Gardens - Intro to Electromagnetism & EMF mitigation - Fractal Dynamics - Wildcrafting Tools & Techniques - Fermentation

### **Classroom**

Semester long-Physics lab teacher (2013-2016)

Position description: Guiding science, engineering and pre-med students ranging freshman-senior years through experiments on topics including Classical Mechanics, Electromagnetism, Optics, etc. Homework and examination review, supplemental lecture, open office lab hours

Biology Lab & Life Sciences Hall Staff,  
OMSI (Oregon Museum of Science and Industry) (2014-2015)

Position description: answering questions to public, maintaining order in the lab, feeding the animals, putting on displays, working on a team

Saturday Academy Staff (2015-2016)

Position description: Instructor, afterschool classes for students grades 2-12, based in inspiring wonder in mathematics and science to middle schoolers

Private Tutoring: (2013-Present)

Critical thinking, College prep, Introductory college level natural sciences, Mathematics, Physics, Chemistry, Biology, Standardized tests, Language

Positions in education outside the classroom:

Skills Instructor (Knots, fire making, wilderness survival, etc) (2005-2012)

Adult Leader Merit Badge Counselor (2017)

Youth Protection Training (2016-present)

First Hunt Foundation Volunteer Mentor (2022-present)

### **Writing Center Tutor**

PDX Roosevelt High School (2012-2013)

PDX UP CAS Writing Center (2014-2016)

Critical review, feedback for students drafting resumes, applications, essays, assignments, grants, written funding requests, prose, etc, for sound meaning, logical consistency and grammatical coherence

Independent writing contractor (2016-present)

Ads, posters, grant writing/review, client based projects

## Competition Judging

Fall STEM Nights, Physics Demonstration table (2013-2016)  
North Portland 5th-8th grade Spring Science Fair, Holy Cross Schools (2014-2015)

International Permaculture Magazine Prize For Youth (2019-2020)  
Reviewing applicants, coordinating with a team, deliberating prize distribution

## SCHOOLING

International Education:

Jerusalem, Israel (2010)  
IES Beijing, China (2013)  
Sophia University, Tokyo, Japan (2015)  
Permaculture Research Institute, New South Wales, Australia (2018)

## College Degrees:

Bachelor of Science, Physics (2016)  
Minor in Mathematics University of Portland;  
Deans List Recipient (2013-2016)  
Physics Department Student Led Advisory Council Representative (2014-2015)

Normandale Community College, Bloomington MN (2014)  
University of Minnesota, Minneapolis, MN (2014)

Bachelor of Arts, Philosophy (2016)  
4.0 GPA, Phi Sigma Tau National Honor Society  
Philosophy Club President (2013-2016)  
Activities: fundraising, lobbying, organizing meetings, field trips, recruitment, speakers,  
movie nights, leading discussion  
Agora Award for Leadership (2016)  
Pacific University National Philosophy Conference  
Attendee/Chair of Session (2013-2016/2015)

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## COMPUTER SKILLS

LaTeX- Adobe Creative Suite - Dragonframe - Logger Pro - Mathematica - Matlab -  
Microsoft Suite - Touplite - Wordpress - Learning: Linux, GIS

Clark Library, Portland OR, Digital Technologies Lab Guide (2014-2015)  
Activities: Renting out and training in use of; Photography Studio, Music Record-



ing Studio, 3D Printer, Scanners, Photograph Printing, Lightroom, Videocams, micro-phones & accessories Rental, Software Workshops

## **SPONSORSHIPS & ENDORSEMENTS**

President's Scholarship, UP (2012-16)  
Scholarship to Study In Japan (2015)  
Abundant Earth Foundation tuition to attend Global Earth Repair (2019)

## **ADMINISTRATIVE**

Program Scheduler for UP CAS Writing Center (2015-2016)  
Inland Northwest Permaculture Guild Board Member:  
Adviser/contributor on organizing committee Board member (2016-present)  
Officer of Treasurer, Secretary, Registered Agent (2020-2023)  
WA state registered Nonprofit Corporation maintenance and upkeep

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## **OTHER EXPERIENCE**

Licensed Real Estate Agent (2017-2019)  
Idaho Real Estate Commission, License # 46272

Consumer Products Marketing Consultant  
Food Industry product trial & critical evaluation, Bloomington, MN (2008-2011)

## **OTHER CERTIFICATIONS**

Master Gardener, University of Idaho Extension (2017-present)  
International Master Gardener Conference (2017)  
Red Cross - Remote Wilderness First Aid (2017)  
Panhandle SEEP: Sediment and Erosion Prevention/Control (2018-2021)  
Master Naturalist (Idaho Fish and Game) (2018-present)  
Master Forest Steward (UI, College of Natural Resources) (2018-present)  
Master Water Steward (University of Idaho) (2019-present)

## **OTHER AWARDS AND DISTINCTIONS**

Boy Scouts of America - Eagle Scout (Board of Review 2012)

## **OTHER VOLUNTEER**

City of Bonners Ferry Bureau of Tourism, visitor center staff (2017-2019)

Informing visitors of local resources and opportunities - Answering questions - Logging tourism data - Attending meetings - Coordinating with city personnel

Urban Ecology: Trail Repairing, weed pulling, wildlife habitat restoration  
Portland Parks and Recreation (2015)  
Woodlake Nature Center (2011)  
Boundary Community Hospital (2017-2020)  
Friends of Trees (PDX) - Tree planting in urban Neighborhoods (2015)  
Manual removal of invasive species in MN, OR, ID (2006-09), (2014), (2017-present)  
College Ecology Club - Beach clean ups, Riverfest (2012-13)

Community Gardens, rental, usage and development  
Portland OR, Sandpoint, ID, Bonners Ferry ID (2014-15) (2017-present)  
St Andre Bessette Food Kitchen, downtown PDX: food service to homeless (2013-14)

Public Lands Stewardship, Garbage and Road/Trail Clean Up  
North Shore Lake Superior Hiking Trail (2010-2016)  
Kaniksu+Kootenai National Forests (2016-present)  
Community Kitchen; Campouts, Convergences, Barter Faires (2017-2019)

## **OTHER INTERESTS**

PDX KDUP Broadcasting Station, Radio Philosophy Talk Show,  
"The Contemplation Station" (2015-2016)

## **MEMBERSHIPS**

Bonsai Society of Portland (2015-2016)  
Native Plant Society Landscape Consulting Committee (2019-present)  
Co-chair, Landscaping Committee, Kinnickinnick NPS, Sandpoint ID (2022)  
Master Gardener Consulting Hotline, Bonner County Extension (2017)  
Ducks Unlimited (2018-present)  
Western Watershed Projects (2021-present)  
Society for Ecological Restoration (2021-present)  
World Permaculture Association (2021-present)  
Permaculture Institute of North America (2021-present)  
North American Mycological Association (2021-present)

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Further information available upon request.

Living man, and "fun guy."

By: Jason Patrick Smith ©  
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Without Prejudice