



Jackson County Green Energy Park

401 Grindstaff Cove Rd
Sylva, NC 28779
(828) 631-0271
www.jcgep.org

Green Energy Park Internship Program

Welcome to the Intern Program at the Jackson County Green Energy Park (JCGEP). Students, graduates, and artists of any age may apply for an internship position with JCGEP. Intern positions typically last one semester or season, and are available year-round.

The Green Energy Park is a county-sponsored project that uses methane from the old Dillsboro landfill as fuel to support emerging arts and agricultural businesses. An internship at the JCGEP offers many unique and exciting opportunities to promote the use of renewable energy through craft studio operations, educational tours, research efforts, and interaction with other artists and professionals. Interns are needed in four primary areas:

- **Arts** (glassblowing, metal work, pottery, or 2-D art)
- **Agriculture** (greenhouse operations, hydroponics/aeroponics, organic waste diversion)
- **Energy** (efficiency improvements, equipment maintenance, system design, energy research)
- **Program Administration** (marketing, public liaison, funding, communications, event planning).

Potential interns need to be open-minded and innovative, ready to learn, ready to try new things, and not shy about lending a hand. Interns will be expected to work together on group projects and special events, and interact with members of the public on a daily basis. Art interns will have a chance to take measured steps into the business end of art, working with professional artists, gallery owners, and the public. Other interns will focus on efforts to increase the overall effectiveness of the Green Energy Park, and improve the economic viability of our local community.

Duties (as appropriate for skills and areas of interest)

Glass Art Intern	Metal Art Intern
<ul style="list-style-type: none"> • Glass equipment maintenance (cast GH doors, charge furnace, clean equipment, tool care, adjust belt sanders and saws, prep for classes, sort cullet, start-up GHs, program annealers). 	<ul style="list-style-type: none"> • Metal shop equipment design, modification, and maintenance (adjust forges, lube fans, build gas line covers, build metal storage racks, modify foundry system).
<ul style="list-style-type: none"> • Demonstrate glassblowing for visitors, tours, and special events. 	<ul style="list-style-type: none"> • Demonstrate blacksmithing and/or metal working for visitors, tours and special events.
<ul style="list-style-type: none"> • Lead or assist with public tours of JCGEP. 	<ul style="list-style-type: none"> • Lead or assist with public tours of JCGEP.
<ul style="list-style-type: none"> • Clean Hot Shop and Cold Shop equipment. 	<ul style="list-style-type: none"> • Lead or assist with metal foundry pours.
<ul style="list-style-type: none"> • Research and recommend upgrades and/or improvements to shops. 	<ul style="list-style-type: none"> • Research and recommend upgrades and/or improvements to shops.
<ul style="list-style-type: none"> • Assist with public glass classes. 	<ul style="list-style-type: none"> • Assist with public metal-working classes.





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Agriculture Intern	Energy Intern	Program Administration
<ul style="list-style-type: none"> • Lead or assist with public tours of the facilities. 	<ul style="list-style-type: none"> • Lead or assist with public tours of the facilities. 	<ul style="list-style-type: none"> • Lead or assist with public tours of the facilities.
<ul style="list-style-type: none"> • Research/recommend upgrades to greenhouse operations. 	<ul style="list-style-type: none"> • Research/recommend facility-wide energy efficiency improvements. 	<ul style="list-style-type: none"> • Research and/or write grants for additional funding.
<ul style="list-style-type: none"> • Investigate options for organic waste diversion (composting, anaerobic digestion, biofuel production) 	<ul style="list-style-type: none"> • Investigate additional renewable energy resources available (waste vegetable oil, biomass, solar, wind). 	<ul style="list-style-type: none"> • Assist with development of marketing efforts (newsletters, emails, class promotions, event planning).
<ul style="list-style-type: none"> • Investigate heat storage capacity of solar heating tanks. 	<ul style="list-style-type: none"> • Repair equipment and facilities as needed. 	<ul style="list-style-type: none"> • Coordinate volunteers.
<ul style="list-style-type: none"> • Supervise installation of rainwater collection system. 	<ul style="list-style-type: none"> • Operate landfill gas system and greenhouse boiler. 	<ul style="list-style-type: none"> • Manage office operations (invoicing, correspondence, greeting visitors).

Compensation

- Interns are offered complimentary shop time as an in-kind trade for time spent working at JCGEP.
- Flexible schedule allows interns time to enjoy outdoor activities, visit local sites, and explore our beautiful mountains.
- Opportunity to learn from and collaborate with working artists and energy experts.
- Interns may rent additional studio time at reduced rental rates.
- Interns from any program area are allowed (and encouraged) to learn about other crafts and/or energy issues from JCGEP staff and resident artists. A free-flow of ideas is greatly encouraged.
- Artists are allowed to display their work in the gallery and sell their work.
- Artists are encouraged to create one piece during their residency that will remain at JCGEP on permanent display, as a record of all the artists who have participated in the project.
- Due to reduced budgets, there is no longer any stipend associated with this internship program.

Lodging

- Lodging is not provided by JCGEP. However, we will attempt to help you secure housing locally or at nearby WCU's campus.





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Application Process

Each application should include:

- Cover letter, including information on career goals, skills/expertise that you bring to the project, and why you would like to intern at JCGEP.
- Current resume
- 3 recommendation forms (mailed or emailed directly from reference)

Applications should be mailed or emailed to:

Jackson County Green Energy Park
401 Grindstaff Cove Rd
Sylva, NC 28779
Phone/Fax 828-631-0271
info@jcgep.org

Allow 2-4 weeks for processing. If you email your submission, please contact us by phone to alert us to look for the application.

Do not hesitate to contact me should you have any questions about the application process. Thank you again for your interest in our residency program.

Sincerely,

Timm Muth
Director
Jackson County Green Energy Park
401 Grindstaff Cove Rd
Sylva, NC 28779
828-631-0271
tmuth@jacksonnc.org

