

 Targeted Job Search Strategies

Searching for a Job in Agriculture and Natural Resources

Internship programs and career opportunities for students interested in the Agriculture and Natural Resources career cluster have grown in number. Many of the opportunities represent a good fit for the knowledge and skills gained through your Arts and Sciences education. You are encouraged to explore career options in Agriculture and Natural Resources if you tend to make statements such as the following:

- I care about the environment, and I want a job that works with energy efficiency and preserves our natural resources.
- I can't see myself having a desk job – I would rather work with my hands and be outside.

The following areas fall under the Agriculture and Natural Resources cluster: Food Products and Processing Systems, Plant Systems, Animal Systems, Power, Structural & Technical Systems, Natural Resources Systems, Environmental Service Systems, and Agribusiness Systems. More information about this cluster can be found at: <http://asccareerservices.osu.edu/guides/careerexploration/clusters#agriculture>.

If you are just beginning your job search, visit <http://asccareerservices.osu.edu/guides/generaljss> and review General Job Search Strategies tip sheets as those documents cover the “dos and don'ts” applicable to all types of job searches. There are many organizations that offer employment and internship opportunities in this cluster beyond what is listed below. This tip sheet is intended to give students a starting point when searching for opportunities.

The Ohio State University

4-H Camp Ohio¹
<http://www.4hcampohio.org/>

4-H Camp Ohio is one of the largest 4-H camps in the state of Ohio, currently serving 15 summer extension camping programs and several schools in the spring and fall for outdoor school programs following academic content standards. Find employment opportunities at <http://www.4hcampohio.org/employment.html>.

Biological Sciences Greenhouses

<http://bioscigreenhouse.osu.edu/>

The Biological Sciences Greenhouse Facility strives to provide quality living plant, insect and arthropod specimens for implementation in the educational experiences of students and the explorations of researchers at The Ohio State University.

F.T. Stone Laboratory¹

<http://www.stonelab.osu.edu/>

Established in 1895, Stone Laboratory is the oldest freshwater biological field station in the United States and the center of Ohio State University's teaching and research on Lake Erie. The lab serves as a base for more than 65 researchers from 12 agencies and academic institutions, all working year-round to solve the most pressing problems facing the Great Lakes.

OBIC Bioproducts Innovation Center (OBIC)¹

<http://bioproducts.osu.edu/>

OBIC (OBIC Bioproducts Innovation Center) bridges two of the nation's top industries, food/agriculture and polymers/specialty chemicals, to commercialize biobased materials and products to help alleviate our reliance on fossil resources. OBIC brings together entities involved with feedstocks, technologies, and markets through clusters to ensure success and sustainability.

OSU Office of Energy & Environment¹

<http://oeo.osu.edu/>

Ohio State faculty, staff, and students are researching conventional and alternative energy sources and developing affordable, environmentally responsible, and sustainable options.

South Centers¹

<http://southcenters.osu.edu/>

OSU South Centers provide objective scientific research and powerful educational programs through the collaboration of OARDC, OSU Extension and several local, state and national partners. Find employment opportunities at

<https://southcenters.osu.edu/about-us/employment-opportunities>.

State of Ohio

Muskingum Watershed Conservancy District

<http://www.mwcd.org/>

The Muskingum Watershed Conservancy District includes responsible stewards dedicated to providing the benefits of flood reduction, conservation and recreation in the Muskingum River Watershed. For employment opportunities, visit

<http://www.mwcd.org/essential-information/employment-opportunities>.

Ohio Department of Agriculture

<http://www.agri.ohio.gov/>

The mission of the Ohio Department of Agriculture is to protect Ohio citizens by ensuring the safety of the state's food supply, to maintain the health of Ohio's animals and plant life, and to create economic opportunities for Ohio's farmers, food processors and agribusinesses. For employment opportunities visit: <https://www.governmentjobs.com/careers/ohio>

Ohio Department of Natural Resources (ODNR)¹

<http://ohiodnr.gov/>

The Ohio Department of Natural Resources is a cabinet-level state agency that employs over 2,000 employees statewide and provides college-level internships.

Ohio Environmental Protection Agency¹

<http://epa.ohio.gov/>

The Ohio Environmental Protection Agency State Agency Mission Statement is: "To protect the environment and public health by ensuring compliance with environmental laws and demonstrating leadership in environmental stewardship." For employment opportunities, visit <http://epa.ohio.gov/oes/home>

City, County & Municipal Government

City of Columbus, Department of Recreation and Parks

<https://www.columbus.gov/RecreationandParks/>

The City of Columbus Department of Recreation and Parks have grown from 6 to 230+ parks on 10,000 acres, have established 30 community centers, 6 golf courses, 120 miles of trails, and have a range of programs for toddlers to seniors.

Columbus and Franklin County Metro Parks

<http://www.metroparks.net/>

Columbus and Franklin County Metropolitan Park District "Metro Parks" features 17 outstanding natural area parks with around 200 miles of trails, and protects more than 27,000 acres of land and water in seven Central Ohio counties. For job opportunities, please visit

<http://www.metroparks.net/about-us/job-opportunities/>.

Franklin County Soil and Water Conservation District¹

<http://www.franklinswcd.org/>

The Franklin County Soil and Water Conservation District's mission is to promote responsible land use decisions for the conservation, protection and improvement of soil and water resources by providing information assistance through effective partnering, technical guidance and education. Find volunteer and employment opportunities at

<http://www.franklinswcd.org/get-involved/>.

Preservation Parks of Delaware County¹

<http://www.preservationparks.com/>

The mission of Preservation Parks is: To protect and conserve the natural and historic features of Delaware County and to inspire outdoor exploration and learning. They preserve green space and provide environmental education to its residents. Career and internship opportunities can be found at <http://www.preservationparks.com/opportunities/careers-internships/>.

Federal Agencies

International Joint Commission

http://www.ijc.org/en_/

The IJC has two main responsibilities: regulating shared water uses and investigating transboundary issues and recommending solutions. The IJC's recommendations and decisions take in to account the needs of a wide range of water uses, including drinking water, commercial shipping, hydroelectric power generation, agriculture, industry, fishing, recreational boating and shoreline property. Visit http://www.ijc.org/en_/Careers for career opportunities.

National Park Service^{1,2}

<https://www.nps.gov/index.htm>

The National Park Service preserves unimpaired natural and cultural resources and values of the National Park System for the enjoyment, education, and inspiration of this and future generations. The Park Service cooperates with partners to extend the benefits of natural and cultural resource conservation and outdoor recreation throughout this country and the world. Find volunteer and internship opportunities at

<https://www.nps.gov/aboutus/workwithus.htm>.

United States Department of Agriculture^{1,2}

<http://www.usda.gov/wps/portal/usda/usdahome>

USDA provides leadership on food, agriculture, natural resources, rural development, nutrition, and related issues based on public policy, the best available science, and effective management.

• Agricultural Research Service^{1,2} The Agricultural Research Service (ARS) (<https://www.ars.usda.gov/>) is the U.S. Department of Agriculture's chief scientific in-house research agency. Their job is to find solutions

to agricultural problems that affect Americans every day from field to table. For career opportunities visit:

<https://www.ars.usda.gov/careers/careers-at-ars-info/>.

- Animal and Plant Health Inspection Service (APHIS)^{1,2} USDA APHIS (<https://www.aphis.usda.gov/aphis/home/>) works to safeguard agriculture and natural resources from the entry, establishment, and spread of animal and plant pests and noxious weeds into the United States of America; and supports trade and exports of U.S. agricultural products. Visit

<https://www.aphis.usda.gov/aphis/banner/careers> for job opportunities.

- Forest Service^{1,2} USDA Forest Service (<http://www.fs.fed.us/>) manages and protects 154 national forests and 20 grasslands in 44 states and Puerto Rico. The agency's mission is to sustain the health, diversity, and productivity of the nation's forests and grasslands to meet the needs of present and future generations.

- Natural Resource Conservation Service (NRCS)² NRCS (<http://www.nrcs.usda.gov/wps/portal/nrcs/site/national/home/>) provides America's farmers and ranchers with financial and technical assistance to voluntarily put conservation on the ground, not only helping the environment but agricultural operations, too.

Nonprofit Organizations

AgriCorps

<http://agricorps.org>

AgriCorps is a Peace Corps-like organization that places American college graduates of agriculture into the developing world for one year to teach agricultural education and lead youth programs like 4-H and FFA.

Clean Fuels Ohio¹

<http://www.cleanfuelsohio.org/>

Clean Fuels Ohio, originally named Central Ohio Clean Fuels Coalition (COCFC), is a statewide nonprofit organization dedicated to increasing the use of cleaner, American fuels for motorized vehicles and equipment, and increasing fuel efficiency in order to improve air quality and health, reduce US dependence on imported petroleum, and support Ohio's economy.

Environment Ohio¹

<http://www.environmentohio.org/home>

Environment Ohio is a statewide, citizen-based environmental advocacy organization. The professional staff focus on protecting Ohio's air, water and open spaces. For job opportunities, visit

<http://www.environmentohio.org/page/ohe/jobs>.

Friends of the Lower Olentangy Watershed¹

<http://www.olentangywatershed.org/>

FLOW's mission is to keep the Olentangy River and its tributaries clean and safe for all to enjoy, through public education, volunteer activities, and coordination with local decision-makers.

Glen Helen¹

<http://www.glenhelen.org/ecocamp>

Glen Helen's mission states: "We steward and strengthen Glen Helen for present and future generations, safeguard the ecological, historical, and geological resources within its bounds, and utilize the preserve to offer life-shaping environmental learning to our students and visitors". For employment opportunities, visit <http://www.glenhelen.org/employment>.

The Nature Conservancy¹

<http://www.nature.org/>

The Nature Conservancy is the leading conservation organization working around the world to protect ecologically important lands and waters for nature and people. They address the most pressing conservation threats at the largest scale.

Mid-Ohio Regional Planning Commission¹

<http://www.morpc.org/>

The Mid-Ohio Regional Planning Commission (MORPC) is a voluntary association of Central Ohio governments and regional organizations that envisions and embraces innovative directions in transportation, energy, housing, land use, the environment and economic prosperity.

Ohio Advanced Energy Economy¹

<http://ohioadvancedenergy.org/>

Advanced energy encompasses all the technologies, products, and services that make energy more secure, clean, and affordable. Electric and plug-in hybrid cars, lightweight composites for airplane bodies, natural gas fueled trucks, high-performance buildings, more efficient industrial processes, and the latest wind, solar, and nuclear technologies – these are all advanced energy, as they use energy more productively, diversify energy sources, and reduce health and environmental costs. For job opportunities, visit

<http://ohioadvancedenergy.org/jobs-2/>.

Ohio Wildlife Center¹

<https://www.ohiowildlifecenter.org/>

Ohio Wildlife Center is dedicated to fostering awareness and appreciation of Ohio's native wildlife through rehabilitation, education and wildlife health studies.

Stratford Ecological Center¹

<http://stratfordecologicalcenter.org/>

The Stratford Ecological Center is a non-profit educational organic farm and nature preserve on 236 acres in Delaware County, Ohio. Stratford offers workshops and classes for children and adults, annual festivals, farm tours, school tours, farm camp and family programs.

Private Companies

3Bar Biologics¹

<http://www.3barbiologics.com/>

3Bar Biologics is a bioscience company based in Columbus, OH. The firm is dedicated to applying disruptive technologies to create ecologically sound products that sustainably increase yields and protect farmer's investments in land and seed. For career and internship opportunities, visit

<http://www.3barbiologics.com/careers/>.

Advancing Eco Agriculture¹

<http://www.advancingecoag.com/>

Advancing Eco Agriculture provides farmers with high quality liquid nutritional supplements for their crops along with cutting edge information and technology on monitoring plant health. This allows farmers to use inputs efficiently and reduces excess application without sacrificing yields.

American Renewable Energy and Power¹

<http://www.americanrenewable.com/home.html>

American Renewable brings financial stability, energy resilience, business development, and solid community engagement to their clients. They serve cities, towns, villages, and school districts through the design, development, and operation of high-quality distributed energy projects.

CH2M Hill

<http://www.ch2m.com/>

CH2M is dedicated to tackling their clients' toughest infrastructure and natural resource challenges with optimism and imagination. They work with governments and cities to help and provide solutions for transportation, water, environment, nuclear, energy, and industry issues. For student and career opportunities, visit <https://www.ch2m.com/careers>.

Chemical Abstracts Service¹

<http://www.cas.org/>

CAS, a division of the American Chemical Society, is dedicated to the ACS vision of improving people's lives through the transforming power of chemistry. The CAS team of highly trained scientists finds, collects and organizes all publicly disclosed substance information, creating the world's most valuable collection of content that is vital to innovation worldwide. Scientific researchers, patent professionals and business leaders around the world rely on a suite of research solutions from CAS that enable discovery and facilitate workflows to fuel tomorrow's innovation.

Visit <http://www.cas.org/careers> for job opportunities in and out of the U.S.A.

Environmental Solutions and Innovations, LLC¹

<http://www.environmentalsi.com/>

Environmental Solutions & Innovations, Inc. is an environmental consulting firm. They combine field expertise with scientific acumen and a comprehensive understanding of the regulatory framework to provide exceptional service and real solutions to the complex problems clients face. For career opportunities, visit <http://www.environmentalsi.com/jobs.html>.

Hexion Inc.¹

<http://www.hexion.com/>

Based in Columbus, Ohio, Hexion is the global leader in thermoset resins. As a global manufacturer operating approximately 60 industrial facilities around the world, Hexion supplies customers through its Epoxy, Phenolic and Coating Resins Division, and its Forest Products Division. Job opportunities can be found at

http://www.hexion.com/career_home.aspx?id=8994.

MAD Scientist and Associates¹

<http://www.madscientistassociates.net/>

Established in 1998, MAD Scientist Associates, LLC is a full-service ecological and wetland consulting firm. MAD Scientist Associates provides clients with a high level of expertise in wetland science, ecological site characterization, and environmental impact assessment. They offer a variety of ecological consulting services in the areas of wetlands and streams, ecological risk assessment, and ecological studies, and environmental education.

Quasar Energy Group¹

<http://www.quasarenergygroup.com/>

Quasar Energy Group is recycling energy in North America from organic wastes. Based in Cleveland, Ohio, Quasar is a full service waste-to-energy company with a superior laboratory and engineering facility at The Ohio State University's Ohio Agricultural Research and Development Center (OARDC) campus located in Wooster, Ohio. Quasar designs, builds, owns and operates anaerobic digestion facilities using U.S. components to produce renewable energy. For career opportunities, visit

<http://www.quasarenergygroup.com/pages/employment.html>.

Professional Associations

American Fisheries Society

<http://fisheries.org/>

The American Fisheries Society (AFS) is the world's oldest and largest organization dedicated to strengthening the fisheries profession, advancing fisheries science, and conserving fisheries resources. Visit <http://fisheries.org/employment/jobs/> for job opportunities and career tips.

International Association for Great Lakes Research

<http://iaglr.org/>

The International Association for Great Lakes Research (IAGLR) is a scientific organization made up of researchers studying the Laurentian Great Lakes, other large lakes of the world, and their watersheds, as well as those with an interest in such research. Job opportunities can be found at <http://iaglr.org/jobs/>.

North American Association for Environmental Education

<https://naaee.org/>

NAAEE brings the brightest minds together to advance environmental literacy and civic engagement through the power of education to create a more sustainable future for all.

Ohio Ecological Food and Farm Association

<http://oeffa.org/>

OEFFA's membership includes farmers, consumers, gardeners, chefs, teachers, researchers, retailers, and students. The association is working to recreate a regionally-scaled farming, processing, and distribution system that moves food from farm to local fork.

Ohio Parks and Recreation Association

<https://netforum.avectra.com/eWeb/StartPage.aspx?Site=OPRA>

Ohio Parks and Recreation Association is a non-profit, public interest organization representing nearly 1500 professionals and citizen board members striving to provide quality park and recreational facilities and opportunities for all Ohioans while protecting and preserving Ohio's natural resources.

Society of American Foresters

<http://safnet.org/>

The Society of American Foresters sets the standard in forest management, bringing science, best practice, and the best people together to actively shape the future of the profession. Visit <http://careercenter.eforester.org/> for careers.

Soil and Water Conservation Society

<http://www.swcs.org/>

The Soil and Water Conservation Society (SWCS) is a nonprofit scientific and educational organization -- founded in 1943 -- that serves as an advocate for conservation professionals and for science-based conservation practice, programs, and policy. Careers can be found at <http://careers.swcs.org/>.

US Green Building Council

<http://www.usgbc.org/>

The U.S. Green Building Council (USGBC) is committed to transforming the way buildings are designed, constructed and operated through LEED — the top third-party verification system for sustainable structures around the world. Current job openings can be found at <http://www.usgbc.org/jobs>.

The Wildlife Society

<http://wildlife.org/>

Founded in 1937, the organization's mission is "To inspire, empower, and enable wildlife professionals to sustain wildlife populations and habitats through science-based management and conservation." The Wildlife Society enhances members' networking and learning opportunities, professional and career development, and provides numerous ways for them to get more involved in creating a better future for wildlife and their habitats.

Additional Websites

City of Columbus <https://www.columbus.gov/civilservice/Employment-Center/>

Visit the City of Columbus Civil Service Commission website for current full-time and part-time job openings within the city. The jobs are categorized by department.

FutureLink

<http://futurelink.osu.edu>

FutureLink provides internship and job opportunities for Arts and Sciences majors. It also contains a resume-builder tool, for students who need assistance with the formatting of their resume.

Go Government

http://gogovernment.org/government_careers/index.php

From this resource you can research federal agencies and careers as well as gain tips for completing your application. Explore federal positions based on your field of interest and the top agencies in that field.

Idealist.org

<http://www.idealists.org/>

Search jobs, internships, and volunteer opportunities primarily in the nonprofit sector. Idealist is all about connecting idealists - people who want to do good - with opportunities for action and collaboration. Sample search categories include the Environment and Energy Conservation.

State of Ohio

<http://careers.ohio.gov/>

The State of Ohio offers a wide range of career opportunities. It provides openings with State of Ohio agencies, boards and commissions as well as the offices of state-wide elected officials.

University of Tennessee Center for Career Development

<http://whatcanidowiththismajor.com/major/category/agriculture-and-natural-resources/>

From this resource you can choose the major that's most similar to your own and explore careers in Agriculture and Natural Resources. View common career areas, typical employers and strategies for gaining the skills and knowledge that may lead to a career.

¹ This denotes that organization has a history of posting in and/or has a recruiting contact viewable on FutureLink

² This denotes that organization has a history of posting on USAJobs.gov