WATER QUALITY MONITORING FIELD TECHNICIAN

The ISU Limnology Lab monitors the water quality of over 130 lakes across the state of Iowa and is looking for motivated students to assist with water quality monitoring for summer and fall of 2020.

Description
• Travel to lakes across Iowa and perform water quality monitoring duties: water sample collection, deployment of limnological equipment
• Sampling teams will camp overnight at field sites on a rotating basis

Requirements
• Background in environmental science or related field and interest in water quality issues
• Ability to work responsibly with minimal supervision
• Valid driver’s license and ability to drive University vehicles

Preferred Qualifications
• Ability to perform light physical work in all weather conditions
• Comfort with boating, camping and swimming
• Experience towing trailers and driving boats

May-October 2019: 40 hrs/wk in summer, 20 hrs/wk during fall semester, $10/hr
Apply by Jan 10 at https://iowalimnology.weebly.com/ Email Rachel Fleck with questions rfleck@iastate.edu
The ISU Limnology Lab monitors the water quality of over 130 lakes across the state of Iowa and is looking for motivated students to assist with the biological components water quality monitoring for summer and fall of 2020.

**Description**

- Prepare water samples for microscopic examination
- Identify, measure and count freshwater phytoplankton and zooplankton using various microscopes
- Enter data generated from analyses

**Requirements**

- Background in environmental science or related field and interest in water quality issues
- Ability to work responsibly with minimal supervision
- Good communication skills
- Proven ability to maintain organized environment and work efficiently

**Preferred Qualifications**

- Experience with organism identification
- Experience or interest in using microscopes

May-December 2020: 40 hrs/wk in summer, 20 hours/wk during fall semester, $10/hr

Apply by Jan 10 at [https://iowalimnology.weebly.com/](https://iowalimnology.weebly.com/) Email Rachel Fleck with questions rfleck@iastate.edu
## WATER QUALITY ANALYSIS LAB TECHNICIAN

The ISU Limnology Lab monitors the water quality of over 130 lakes across the state of Iowa and is looking for motivated students to assist with water quality monitoring and analysis for summer and fall of 2020.

<table>
<thead>
<tr>
<th>Description</th>
<th>Requirements</th>
<th>Preferred Qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Prepare and analyze water samples using standard operating procedures</td>
<td>• Background in environmental science or related field and interest in water quality</td>
<td>• Experience using pipettes</td>
</tr>
<tr>
<td>• Process samples for nutrients, solids, bacteria and more</td>
<td>• Relevant lab experience or coursework</td>
<td>• Experience preparing solutions</td>
</tr>
<tr>
<td>• Log and organize data and observations</td>
<td>• Ability to work responsibly with minimal supervision</td>
<td>• Proven ability to organize tasks and complete in a timely and efficient manner</td>
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<tr>
<td>• General lab duties</td>
<td>• Strong multitasking skills and proven success in a fast-paced environment</td>
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<td></td>
<td>• Good communication skills</td>
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</tbody>
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**May-October 2020:** 40 hrs/wk in summer, 20 hrs/wk during fall semester, $10/hr
Apply by Jan 10 at [https://iowalimnology.weebly.com/](https://iowalimnology.weebly.com/) Email Rachel Fleck with questions rfleck@iastate.edu
SEASONAL FIELD AND WATER QUALITY ANALYSIS TECHNICIAN

The ISU Limnology Lab monitors the water quality of over 130 lakes across the state of Iowa and is looking for motivated recent graduates to assist with water quality monitoring for summer and fall of 2020.

<table>
<thead>
<tr>
<th>Description</th>
<th>Requirements</th>
<th>Preferred Qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Travel to lakes across Iowa and perform water quality monitoring duties: water sample collection, deployment of limnological equipment</td>
<td>• Bachelor’s degree in environmental science or related field and interest in water quality</td>
<td>• Ability to perform light physical work in all weather conditions</td>
</tr>
<tr>
<td>• Process water quality samples in lab for nutrients, solids, bacteria, and more</td>
<td>• Ability to work responsibly with minimal supervision</td>
<td>• Comfort with boating, camping and swimming</td>
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<td></td>
<td>• Valid driver’s license and ability to drive University vehicles</td>
<td>• Experience towing trailers and driving boats</td>
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<td></td>
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<td>• Experience with chemistry lab procedures</td>
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</tbody>
</table>

May-October 2020: 40 hrs/wk, $13/hr

Apply by Jan 10 at [https://iowalimnology.weebly.com/](https://iowalimnology.weebly.com/) Email Rachel Fleck with questions rfleck@iastate.edu