Crop Transformation Facility (CTF) Construct Assembly Technician

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Construction and validation of plasmids for plant transformation.

### MAJOR DUTIES AND RESPONSIBILITIES:

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<thead>
<tr>
<th>Percentage</th>
<th>Task Description</th>
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<tbody>
<tr>
<td>45%</td>
<td>Construction and validation of DNA constructs</td>
</tr>
<tr>
<td>20%</td>
<td>Organizing and maintaining chemical and biological stocks</td>
</tr>
<tr>
<td>10%</td>
<td>Preparation and maintenance of media/buffers/reagents/stock solutions</td>
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<tr>
<td>15%</td>
<td>Lab documentation and maintenance of construct stages in the relevant databases</td>
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<tr>
<td>5%</td>
<td>Distributing plasmids between RIPE members</td>
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<tr>
<td>5%</td>
<td>Updating and communicating the status of orders</td>
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### POSITION REQUIREMENTS AND QUALIFICATIONS:

**Education:**
- **Required:** Bachelor’s degree in Molecular Biology or related discipline
- **Preferred:** Bachelor’s degree in Plant Sciences

**Experience:**
- **Required:** Experience in molecular cloning, PCR, restriction digest
- **Preferred:** Experience in Golden-Gate cloning and/or automated liquid handling automation

**Knowledge, Skills, and Abilities:**
- **Required:** Knowledge of molecular cloning, PCR, lab documentation, excellent organizational skills, excellent communication skills, and ability to prioritize multiple tasks effectively.
- **Preferred:** Knowledge of electronic lab notebooks (Benchling), Sanger sequencing/sequence alignments, and automation techniques.

**Environmental Demands:** Willing to perform routine repetitive tasks in a laboratory with non-hazardous materials.

**Salary:** Commensurate with experience and qualifications

**Start Date:** As soon as possible after the close date.
Appointment Status: Full-time academic professional, grant-supported appointment renewable annually pending continued funding and satisfactory progress within the position. Qualified individuals will be eligible to receive vacation, sick, and personal leave; retirement through the State Universities Retirement System; and group health, dental, vision and life insurance.

TO APPLY: Applications must be received by February 16, 2021. To apply, all candidates must submit an online profile through https://jobs.illinois.edu by the close of the posting period. Interviews may be conducted prior to the closing date; however, a hiring decision will not be made until after the closing date. Qualified candidates must upload a letter of which details qualifications noted above, resume and the names and contact information of three professional references. All requested information must be submitted for your application to be considered. Incomplete applications will not be reviewed. For further information about this specific position, Jacinda King (jking@illinois.edu). For questions about the application process, please contact 217-333-2137.

The University of Illinois conducts criminal background checks on all job candidates upon acceptance of a contingent offer. The University of Illinois System requires candidates selected for hire to disclose any documented finding of sexual misconduct or sexual harassment and to authorize inquiries to current and former employers regarding findings of sexual misconduct or sexual harassment. For more information, visit Policy on Consideration of Sexual Misconduct in Prior Employment. As a qualifying federal contractor, the University of Illinois System uses E-Verify to verify employment eligibility.