

# National Council for Air and Stream Improvement, Inc. (NCASI)

## Job Description

**Position:** NCASI Summer Intern – Air Quality  
**Reports to:** Program Manager  
**Work Week:** Approximately 40 hours per week  
**Duration:** Mid-May or early June thru mid-August 2019  
**Revised:** April 2019  
**Job Location:** NCASI Southern Regional Center in Newberry, FL

The National Council for Air and Stream Improvement, Inc. “NCASI”, a non-profit research organization focusing on environmental issues of interest to the forest products industry, is seeking a summer intern to assist the Air Quality Team with the execution of measurement method studies.

### Essential Job Functions:

1. Assist with lab-scale experiments comparing the performance of condensable particulate matter (CPM) measurement methods and the impacts of stack gas conditions on measurements. Duties will include:
  - Setup and execution of experiments
  - Sample preparation and analysis
  - Data compilation and reporting
2. Compile data from past particulate matter experiments into a database structure that allows for addition of current and future results
3. Potentially assist in initial setup and evaluation of lab-scale bioreactor system used to simulate aerated biological treatment systems in pulp mills
4. Execute a thorough literature review on a topic to be selected by the summer intern and the Program Manager, write a report on the results and present this information to NCASI Staff
5. Assist with planning and preparation of field testing for particulate matter emissions from select unit operations
6. Participate in meetings with the project team to report on progress

### Additional Responsibilities:

- execute technical work that is accurate, detail-oriented, and undertaken with a moderate level of self-direction

- prepare timely written updates on progress, and prepare other written communications as required, meeting the highest standards of quality
- have the ability to read, absorb, process, and communicate complex information in English
- act in a manner that is honest and respectful of co-workers, exhibiting a strong sense of integrity and candor
- undertake technical work in collaboration with other NCASI staff, as appropriate, in a manner that fosters a strong team-based environment
- maintain the integrity of confidential data

**Minimum Qualifications:**

1. Actively pursuing an Undergraduate or Masters degree in Environmental, Chemical or related engineering or sciences
2. Proficiency in Microsoft Excel and Word
3. Detail oriented; ability to thoroughly document and annotate work products.

**Additional Proficiencies:**

Interest in Air Quality topics, laboratory experience, Microsoft Access

**To Apply:** Please send resume electronically to Zach Emerson, Program Manager [zemerson@ncasi.org](mailto:zemerson@ncasi.org). Applicant review will begin immediately and will continue until the position is filled. NCASI is an equal opportunity employer.