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Sault Ste. Marie Insectarium (SSMI) - Entomica

**Science and Technology Museum Tour Guide**

Seasonal Full-Time (35 hours per week) for 8 weeks (weekend work required)

Start Date: July 4, 2022

End Date: August 28, 2022

Wage \$15.00/hour

Canada Summer Jobs #3834211

Apply: [corinne@entomica.com](mailto:corinne@entomica.com)

**Mission:**

Opening minds – Expanding horizons

Insects possess an outstanding ability to create a spark of curiosity that will lead to a passion for lifelong learning and discovery. SSMI showcases insects to visitors and uses their fantastic forms and diversity to provide inspiring and educational experiences. SSMI's focus is on personal interaction. SSMI creates immersive exhibits that go beyond static displays to allow unique hands-on experiences for visitors of every age and background. Knowledgeable and enthusiastic staff tailor interactions with the living insect collections to the comfort level of each visitor to create a unique, individual experience. With this combination of fully interactive displays and personal interaction, SSMI has created a physical and intellectual space where curiosity for insects and the biological world can be nurtured and thrive. SSMI draws upon the strengths of the surrounding communities to catalyze partnerships that promote community engagement with scientific endeavors and conservation efforts in the region. SSMI is an entity where passion, discovery, and wonder meet to create a dynamic learning environment.

**Job Description**

The Sault Ste. Marie Insectarium, also known as Entomica, is looking for a *Science and Technology Museum Tour Guide* to assist us with our insect exhibit at our fantastic new location at the Canadian Bushplane Heritage Centre. The *Science and Technology Museum Tour Guide's* key duties are to assist with insect care, public tours and outreach events.



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**DETAILED JOB RESPONSIBILITIES:**

1. Insect husbandry/Insect care
2. Assist with Entomica staff with public tours and outreach events (virtual and in-person)
3. Assist with Science North Travelling Road Show outreach events

**Public Tours and Outreach**

- Prepare all equipment, supplies and vivariums for public tours, outreach and travelling
- Conduct public presentations with live exotic insects
- Assist with games, crafts, and other activities
- Responsible for overall welfare of insects and public health and safety during outreach events
- Report and insect losses to SSMI President
- Create incident reports for injuries and report to SSMI President

**Insect Colony- Laboratory and Exhibit Maintenance:**

- Perform regular maintenance on insect colonies and the laboratory, including:
  - cleaning cages
  - replacing food plants, food stocks, and water as necessary
  - collecting eggs/larvae for colony propagation and fractionation
  - document insect rearing observations (exceptional, abnormal or debilitating)
  - maintaining a very clean and well-organized space
  - assure insect care checklists are completed properly
- Maintain public exhibit space
  - maintain health of vivariums
  - return all vivariums to required configuration
  - clean vivarium glass
  - ensure tables are dusted, floors swept and mopped as needed in SSMI space
  - prior to tours or public days ensure insects are placed in appropriate display cases and appropriate signage is in place – rotate insects as necessary
  - after tours ensure that all insects are returned to the secure laboratory
  - assure opening-closing checklists are completed properly



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### **Knowledge, Experience and Skills Required**

- Interest in our natural environment
- Motivation to learn about insects, their biology and ecology
- Comfortable with handling live insects
- Comfortable with doing presentations to small groups in an in-person or virtual setting
- Comfortable with video streaming technology
- Interest in or experience with social media
- Excellent personal interaction skills
- Excellent verbal communication skills
- Willingness to travel to Northern Ontario communities for outreach events
- Willingness to work weekends
- Applicants must have a current police background check

### **Eligibility Requirements (Canada Summer Jobs)**

- The Government of Canada funded this job through the Canada Summer Jobs program.
- You must be aged between 15 and 30 and be legally entitled to work in Canada.