Position Title: Exhibit Production Electronics
Department: Exhibit Production
Volunteer
Reports To: Production Coordinator

POSITION DESCRIPTION: The OMSI Exhibit Production Shop produces finished exhibits for OMSI and other museums nationwide. The Exhibit Production Electronics Volunteer supports this work by constructing electronic/computer systems for exhibits and maintaining all electronic and computer equipment utilized in exhibits. This position is located within the shop building.

ESSENTIAL DUTIES AND RESPONSIBILITIES:
- Design electronic and logic circuits for use in exhibits.
- Prototype, build, debug, program and document electronic computer systems.
- Repair electronic/computer equipment.
- Produce prototypes for evaluation and items for finished exhibits
- Work effectively with paid staff and other volunteers throughout the organization.
- Assume other tasks and responsibilities as assigned by the Production Manager.

WORKING CONDITIONS:
- Physical demands of this position require mostly standing, as well as lifting, carrying, pushing, pulling anywhere from 5-100 Pounds
- Work environment includes work near moving mechanical parts, fumes or airborne particles, toxic or caustic chemicals, and risk of electric shock.
- Noise level ranges from moderate (examples: business office with computers and printers, light traffic), loud (examples: metal can manufacturing department, large earth-moving equipment), to very loud (examples: jack hammer work, front row at a rock concert).

QUALIFICATIONS:
- Thorough knowledge of the design of logic circuits and repair of digital devices.
- Working knowledge of microcomputers, drafting, documentation and communication as related to electronics.
- Excellent organizational, analytical and problem solving skills.
- Excellent attention to detail.
- Ability to work independently as well as in teams.
- Past experience working safely in a shop or similar creative environment.
- Dependable, punctual and able to commit to at least one 6-hour weekday volunteer shift per week; two shifts per week preferred.

VOLUNTEER BENEFITS:
- Training and a lifelong learning experience.
- Admission for the volunteer to the museum, OMNIMAX and Planetarium shows, and submarine tours.
- An OMSI Family Membership upon completion of 50 hours of volunteer service.
- Discounts in the OMSI Science Store and on-site restaurants.
- The opportunity to meet many new people and learn more about OMSI

For more information, contact Volunteer Services at 503.239.7814 or VolunteerServices@omsi.edu
Visit our website at www.omsi.edu/volunteer