MISSISSIPPI MUSEUM OF ART

POSITION: Technical Director

REPORTS TO: Director of the McNair-Davis Planetarium

STATUS: Full-time

About this Opportunity
The Mississippi Museum of Art is looking for a seasoned Technical Director with experience in the planetarium industry. This person will be instrumental in successfully re-opening and operating the newly renovated three-story McNair-Davis Planetarium which includes a multi-purpose room for educational and programming opportunities, a space station, and an auditorium that accommodates 180 seats for dome shows.

The McNair-Davis Planetarium is a not-for-profit entity that is owned by the City of Jackson and is currently under the management of the Mississippi Museum of Art (MMA) for the next three years. Planetarium staff are part of the Mississippi Museum of Art's staffing structure, payroll system, benefits package, and employment policies.

Job Summary
The Technical Director oversees all technological aspects of the McNair-Davis Planetarium and Mississippi Museum of Art. Their primary mission is to maintain and repair all the planetarium and exhibit technologies, and to regularly train staff and volunteers on the proper usage of these technologies. In addition, they will collaborate with Mississippi Museum of Art staff to manage, operate, and troubleshoot the audio visual and technological elements at the Mississippi Museum of Art.

Essential Functions
Role #1: Manage all planetarium and exhibit technologies
- Maintain and repair all planetarium and exhibit technologies to ensure systems properly and reliably function
- Conduct the maintenance and troubleshooting of all planetarium and exhibit equipment
- Oversee all planetarium and exhibit service contracts, including site inspection and approval of all warranty and service work.
- Conduct regularly scheduled pre-emptive service on all planetarium equipment and exhibits
- Conduct emergency repairs and create a shop of tools needed for such repairs
- Ensure the safety and comfort of all visitors to both the planetarium and exhibits

Role #2: Oversee usage of planetarium and exhibit technologies
- Assist the Show Producer in the production of all planetarium and exhibit audio-visual content (flat screen content for inset projection, full dome video production, and laser show production) and fill in for the Show Producer and Chief Educator as needed

- Be a staff resource providing technical expertise on all equipment used to create and implement new programs and exhibits
- Train all full-time staff, part-time staff, and volunteers on the proper usage of the planetarium and exhibit technologies, particularly when new staff are hired
- Create a basic site-specific training/reference manual for all the planetarium and exhibit equipment, updating them as new software and equipment is added
- As equipment and software updates are implemented, conduct additional staff training, as required
- Assist, as needed, the Chief Educator and Chief Presenter in their training of part-time and volunteer presenters
- Assist the visitor services team with Point-of-Sale and Ticketing software and hardware, performing repairs

Role #3: Oversee audio visual elements and technologies at the Mississippi Museum of Art

- Provide a high level of support and technical expertise for MMA's audio-visual systems, digital displays, and interactive technology
- Train MMA staff on the audio-visual and technological systems
- Work closely with the Chief Operating Officer and applicable vendors to ensure audio-visual systems, digital displays, and all other technology systems are up to date and working properly
- Provide audio visual support at occasional Museum events and programs

Supervisory Responsibility
None

Salary Range
$50,000 - $60,000

Competency

- A Bachelor's degree in Computer Science, Astronomy, Physics, Science Education or a closely related field
- Strongly prefer 5 years of professional experience in planetarium technologies or a closely related field
- In place of a bachelor's degree, applicant must have a high-school diploma and a minimum of 15 years hands-on experience as a planetarium technician or technical director

Knowledge, Skills, and Abilities

- Demonstrated expertise in all planetarium technologies (software and hardware), including full dome digital projection technologies, DMX 512 lighting, 5.1 audio systems, laser systems, interactive exhibitions, and the various computer systems that support these technologies as well as point-of sales and ticketing systems
- Excellent communication, presentation, and interpersonal skills
- Experience working with planetarium directors, educators, and show producers developing and delivering engaging educational programs and entertainment productions, as well as exhibits for diverse audiences
- Experience overseeing and working with part-time staff, show presenters, and volunteers
- Demonstrated ability to stay calm under pressure and balancing multiple high-priority tasks at once

Travel
Occasional local travel may be required.

Physical Demands and Work Environment
The typical workweek is 40 hours a week during normal business days from Monday through Friday, 9 a.m. to 5 p.m. However, the Planetarium is open six days a week. Full-time staff may be required to work some evenings and weekends to accommodate public programming, public operating hours, and supplement for part-time staff. All Planetarium staff are required to be cross trained to run the facility.

The physical demands and work environment characteristics described here are representative of those that must be met by an employee to successfully perform the essential functions of this position. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Some duties may require long periods of movement as well as frequent reaching and kneeling, pushing, pulling, carrying, lifting and moving objects 5 pounds or more.
- Work may be performed both indoors and outdoors throughout the facility and grounds.
- A successful candidate must pass a background check secured by the Mississippi Museum of Art

About the McNair-Davis Planetarium
The McNair-Davis Planetarium is a not-for-profit entity that is owned by the City of Jackson and is currently under the management of the Mississippi Museum of Art (MMA) for the next three years. The building has recently undergone a significant $23 million renovation, featuring a redesigned theater with a state of the art 360-degree projection and 52-feet in diameter dome, interactive and immersive exhibits, a multi-use event and educational space, and a welcoming three-story foyer that features a built-to-scale model solar system. The Planetarium is named for Dr. Ronald McNair, a filmmaker, physicist, and one of NASA's first African American astronauts, and former Jackson Mayor Russell C. Davis.

About the Mississippi Museum of Art
The Museum is an Equal Opportunity Employer and is committed to creating a diverse and inclusive environment. All qualified applicants will receive consideration for employment. The Museum is a private not-for-profit and is not a department or agency of the state or federal government.

The Mississippi Museum of Art is more than an art museum in Jackson, Mississippi. It is a museum *of* Mississippi – a museum that connects Mississippians to our culture, our history, our communities, and to each other. It is a museum informed by the legacy of our past and emboldened by a vision of a future without division.

We believe it our responsibility to the community to explore and examine every facet of the Mississippi story. The Mississippi Museum of Art is committed to curating a shared space for every Mississippian – a brave space where we can all find wonder, peace and a voice.

We pride ourselves in being a visitor and community-focused art museum and garden in downtown Jackson, Mississippi. The Museum employs a collaborative staff that works to

ensure the exhibitions, programs, operations, and community outreach fulfill the mission, vision, and core values of the institution. We are committed to building a culture of inclusivity that includes continued professional development opportunities at all levels of the Museum.

Mission
The Mississippi Museum of Art connects Mississippi to the world, and the power of art to the power of community.

Vision
Committed to honesty, equity, and inclusion, the Mississippi Museum of Art is a leader in engaging art, artists, and participants in the critical work of reckoning with the past, connecting with each other in the present, and envisioning a future without division.

Core Values
- Warm Welcome + Inclusion. The Museum will model open hospitality for all people and will demonstrate inclusiveness at all levels of its operations and programs.
- Honesty + Diversity. Honoring diverse viewpoints, histories, and lived experiences, the Museum will be a place for honest conversations that respect difference in the service of increased understanding and empathy.
- Local Relevance + National Distinction. The Museum pursues deep investigations into Mississippi's cultural history and produces programs of high quality and relevance that attract new national partners seeking to explore the relationship between Mississippi and the world.
- Artworks + Artists. Museum programs will honor the primacy of artistic objects as sources of meaning and will include, when possible, meaningful opportunities for participants to have personal experiences with visual artists.
- Excellence + Equity. Museum programs, exhibitions, and collections will place artistic value as critical, while simultaneously dismantling traditional hierarchies of genre and style.
- Trust + Authority. The Museum values academic scholarship and accuracy; and, at the same time, it trusts the voices of people who have lived experiences that deepen the meaning of its exhibitions.

To apply for this position, please send your current resume and cover letter to careers@msmuseumart.org by December 1, 2026.