



Intelligent Transportation Society of America

Position: Senior Technical Lead, Emerging Technologies & Innovative Mobility

Corporate Location: Washington D.C./Hybrid Schedule

FLSA classification: Full-time exempt

Reports to: Senior Vice-President, Technical Programs and Strategic Partnerships

Salary range: \$125,000 - \$140,000

About ITS America

The [Intelligent Transportation Society of America](#) (ITS America) is the country's largest association that envisions a better future transformed by intelligent mobility that is safer, greener, and smarter for all. ITS America's broad membership includes public and private sector organizations including state and city departments of transportation, regional and local transportation and planning agencies, private companies providing Intelligent Transportation Systems (ITS) products and services, auto manufacturers and suppliers, research organizations, academic institutions, and industry associations.

Our mission is to advance the research and deployment of intelligent transportation technologies to save lives, improve mobility, increase accessibility and equity, promote sustainability, and improve efficiency and productivity:

- Convening leaders from the public sector, private companies, academia, and research organizations to create an environment that fosters innovation.
- Promoting a legislative and regulatory environment that supports investment in and the deployment of intelligent systems.
- Conducting research, educating stakeholders, and building awareness of advancements in smart transportation technologies.

ITS America offers full benefits, a flexible hybrid work environment, dynamic opportunities for coaching, mentoring, and development and is committed to diversity, equity, and inclusion. The organization offers a dynamic, innovative working environment that is team oriented.

Position Summary

The **Senior Technical Lead, Emerging Technologies & Innovative Mobility** will serve as a key leader and subject matter expert within the Technical Programs Team, working closely with other colleagues, both within the department and across the organization. This position will lead and support a variety of projects focused on advancing the research and deployment of intelligent transportation technologies to save lives, improve mobility, promote sustainability, and increase accessibility and efficiency.

The Senior Technical Lead will develop and guide project strategy, delegate and oversee the execution of project tasks, and work with federal agencies, partner organizations, and other clients to conduct industry research and stakeholder engagement, convene and facilitate discussions with industry experts, provide capacity building and training support, lead/inform knowledge transfer efforts, identify emerging transportation trends, and develop materials/publications on topics of interest to the industry.



In addition, this position will leverage project efforts to advance the mission of the organization, support ITS America shows/events, liaison with external industry groups, and serve as a senior technical resource to members, partners, and ITS America senior leadership and staff across departments.

Primary Responsibilities

1. (75%) Project Leadership and Support

- Serve as a technical lead and Principal Investigator for intelligent transportation and technology-related projects; areas of focus include topics such as on-demand and shared-use mobility, automation, Complete Streets, energy efficient mobility systems, and emerging technologies connected with advancing seamless, accessible travel.
- Leverage experience with and knowledge of ITS emerging transportation technology trends and deployments to shape project strategy, inform decision making, and promote quality assurance of deliverables.
- Coordinate with the Senior Vice President for Technical Programs and Strategic Partnerships to develop project scopes and proposals.
- Provide project management support and oversight on specific projects in coordination with the Senior Vice President for Technical Programs and Strategic Partnerships
- Guide the technical execution of awarded projects: Formulate project plans and execution strategies, delegate project tasks, and collaborate on their delivery.
- Manage and report on project progress, timeline goals, and coordination logistics.
- Analyze market trends and/or deployment-related considerations regarding technologies that may improve traffic safety, traffic flow, access, sustainability, etc.
- Lead/Conduct stakeholder engagement and outreach to industry stakeholders and experts to advance and promote priority programs or topics within ITS.
- Develop educational materials and support delivery of training to practitioners on technologies or other topics of interest to industry stakeholders or clients.
- Facilitate knowledge transfer amongst professionals at the local, state, and federal level.
- Identify and convene industry experts/practitioners to discuss best practices, share lessons learned, and develop national frameworks for advancing technology.
- Develop summary and synthesis reports of current industry processes, near future or other industry technology applicability to state and local governments and industry transportation operations' needs.
- Research and synthesize institutional and technical topics as it relates to state, regional and local department of transportation processes.
- Conduct literature reviews of current industry and technical reports to identify the strengths and weaknesses of existing and future technologies.
- Present various technical reports to internal and external project members including at the Federal agency level.
- Investigative research into technology such as computer science and geographic information systems (GIS) that can be applied to Transportation Planning, Design, Operations and Maintenance.

2. (10%) Technical Guidance for relevant Policy/Committee work

- Provided expertise to guide and contribute to transportation policy-related efforts.



- Serve as a technical expert on innovative mobility (as related, for example, to multimodal, on-demand, and shared-use technologies and services) to help guide programmatic efforts in coordination with Policy/Committee leadership.
- Coordinate across departments to share materials and knowledge, in support of the organizations mission and activities.

3. (5%) Industry Liaising and Supporting the Mission of the Organization

- Tie projects to roadmap/mission of the organization - where projects directly relate to the roadmap/mission, seek out opportunities to leverage this work. Engage with the industry as an ITS subject matter expert and representative of ITS America.
- Serve as the ITS America liaison to national and international industry organizations (such as the Accessible Mobility Collaborative, the Mobility as a Service Alliance, etc.) and groups, as relevant to subject matter expertise or organization needs.

4. (5%) Membership Support

Support membership department by seeking out all opportunities to engage current members and attract potential new members. For example:

- Participate in member/potential member meetings as requested
- Serve as a technical resource to members where applicable
- Engage members or potential members through projects when possible
- Provide input into content of member outreach activities as requested

5. (5%) Coaching, Growth, and Development

- Work with supervisor, mentor, and sponsor regularly to ensure individual's career goals are developed, receive feedback on performance, and participate in training and development opportunities.
- Plan time for innovation, reading, brainstorming, and creative problem solving to support the organization and the position needs.

6. Other Duties as Assigned

Basic Qualifications

- Bachelor's degree required
- 8+ years of professional experience working in emerging technologies, innovative mobility, project management, stakeholder engagement, or related work
- Ability to effectively engage clients through e-mail, videoconferencing, and face to face meetings
- Demonstrated ability to manage multiple projects of various sizes
- Experience guiding and executing a variety of transportation and technology-related projects

Preferred Qualifications

- A degree in a STEM field
- Experience with meeting facilitation and public speaking
- Strong technical report writing skills
- Proven skills in customer service, networking, and building relationships



- Technical knowledge of transportation and/or ITS
- An understanding of technology devices and ITS equipment
- Knowledge of mathematics and statistical analysis software experience
- Experience running events, meetings, or webinars in a virtual setting
- Experience managing project cost, schedule, and performance

Abilities

- Excellent organizational skills and ability to multi-task
- Effective communicator (both verbal and written)
- Must be a self-starter, with a proven ability to work independently, and manage time and deadlines
- Flexibility to work on both technical as well as administrative/logistical support for projects
- Ability to work with all levels of expertise, from entry-level professionals to corporate executives
- Proficient in Microsoft Office Suite products, with strong skills in Microsoft Excel.
- Ability to learn and adapt on the job with a passion for learning
- Team player and collaborator

Travel Requirements

- Overnight, non-local travel ~ 0-10% of the time.

Physical Demands

- Tasks involve some physical effort, including light to moderate standing and walking, frequent light lifting (up to 15lb.), and minimal dexterity in the use of fingers, limbs, or body in the operation of routine office equipment. Tasks may involve extended periods of time at a computer to perform most of the work.
- Extended period of sitting at a workstation or desk. Manual dexterity to work efficiently on computer keyboard for data entry and use other electronics and equipment routinely found in a professional office setting.
- Task requires:
 - Sound perception and discrimination
 - Visual perception and discrimination
 - Oral communications ability

Work Environment

ITS America has a hybrid work schedule. All employees are responsible for their own safety, as well as that of others in the workplace. To help us maintain a safe workplace, everyone must be safety-conscious at all times. This position is performed in a typical office environment where the noise level is usually quiet to moderate. Work may occasionally be performed in public settings or venues such as conferences or workshops where moderate to loud noise from multiple ongoing conversations and presentations may be simultaneously occurring. While performing the duties of this job, the employee is occasionally exposed to moving mechanical parts and vehicles. Safe use of equipment, as well as safe practices while on ITS America or Customer property is essential.



Disability Specification

ITS America will make reasonable accommodations in compliance with the Americans with Disabilities Act of 1990 and its amendments as well as other applicable local and state employment and disability laws. ITS America is an Equal Opportunity Employer (EOE)

Other Benefits

- Full benefits and 401k matching
- Paid holidays and paid time off
- Onboarding buddy
- Cell phone stipend
- Onsite gym
- Flex schedules
- Monthly and quarterly team building events including happy hours and outings
- Semi-annual staff retreats
- Opportunities for career development and advancement
- Regular coaching and mentoring

ITS America is committed to creating a diverse work environment where everyone belongs and feels included. We are proud to be an equal opportunity employer. We recruit, employ, train, compensate and promote regardless of race, religion, color, national origin, sex, disability, age, veteran status, and other protected status as required by applicable law. All qualified applicants will receive consideration for employment. ITS America proudly supports [MobilityXX](#), as a founding member, which champions the inclusion of women and people of color in transportation.

Questions? Contact calban@itsa.org