

Human Performance Systems, Inc. HPSI

HPSI is a woman-owned, small business incorporated in the state of Vermont, U.S.A

We use Instructional Systems Design (ISD) to analyze, design, develop, implement, and evaluate systems that support and improve individual and team performance in the workplace. We listen carefully to our customers and provide only the products and services they truly need—those that add value and improve performance. We provide the highest quality services and products at reasonable costs.

We creatively apply evidence-based principles to provide high-quality learning solutions, tailored to your needs and budget. Examples of learning solutions we have developed:

- Technical (science, engineering, technology)
- Operations (safety, supply chain, continuity planning)
- Business (marketing, customer service, management)
- IT (cyber security, data privacy, data analytics)
- Interpersonal (performance appraisal, teamwork)
- Healthcare (cancer prevention, end of life, behavioral)
- Emergency response (firefighting, health & safety)
- Life skills (basic skills, employability, job search)

As Principal Learning Specialist, Dr. Karen Medsker helps clients analyze performance issues, select appropriate solutions, and manage their design and development. Recent projects include total cost of ownership, legal regulation in aviation, and employee care management.

At Marymount University, she trained a generation of instructional designers in the Washington, D.C. metropolitan area and authored two books on training design. She provides workshops on Instructional Systems Design (ISD). Her passion is the practical application of research-based principles to improve workplace performance.

As HPSI's Chief Scientist, Dr. Larry Medsker's specialties are information systems, computer science, artificial intelligence, and data science. He provides consulting services and seminars for managers and technologists on best practices for incorporating science and engineering advances into business, government, and educational organizations. All recommendations include attention to the ethical design and implementation of systems. Projects include the optimization of online learning for graduate academic and professional programs. Larry is the author of over 150 scientific articles and four books on artificial intelligence.

Our other amazing team members have advanced degrees or certificates in instructional system design and technology, as well as extensive and diverse work experience in business, non-profit, education, and government. Their specialties include military training experience, graphics, screen design, video production, machine learning, gamification, voice-over recording, classroom facilitation, internet hosting, and project management.