Curriculum Vitae

John R. Decker Jr.

Education

Electrical Engineering (1967), Colorado State University, B.S.
Physiology (1969), Colorado State University (graduate study)
Physiology (1976), Washington State University (graduate study)

Technical Qualifications

- Biological effects of environmental conditions on animals
  - Inhaled chemical aerosols, vapors and gases; radionuclides; pharmaceuticals; cigarette smoke
  - Electric and magnetic fields
  - Environmental temperature and noise
- Instrument development
  - Radiation detection
  - Human population control (reproduction sterilization, prophylactic integrity testing)
  - Pulmonary function measurement
  - Aerosol, vapor and pyrolytic atmosphere generation and measurement
  - Data acquisition and control
- Software development
  - Data acquisition and control
  - Data analysis and report generation

Project Management Qualifications

- Development, construction, installation, and validation of GLP compliant automated systems for whole-body and nose-only systems for inhalation exposure of rodents to vapors and aerosols for *internal use*.
  - National Toxicology Program
  - Pharmaceutical
  - Tobacco Products
- Development, construction, installation, and validation of GLP compliant automated systems for nose-only systems for inhalation exposure of rodents to vapors and aerosols for *use in clients laboratories*.
  - Pharmaceutical
  - Cigarette Smoke Exposure System
- Managed team to train client employees in the use and maintenance of off-site installed automated nose-only exposure systems.
- Developed NORES (Nose-Only Rodent Exposure System) business to provide inhalation toxicology consultation, equipment, systems, and laboratories to government and industry.

Work History

Battelle Pacific Northwest Laboratory/ Battelle Toxicology Northwest 1969 – 2005
Technical Center Manager, Bioengineering and Aerosol Technology, 1992 – 2001
Senior Research Leader, Support and Facilities Management Technical Center, 2001 – 2005
JR Decker Consulting 2005 to present

Publications

Authored or co-authored over 50 publications. List available upon request.