



Great Lakes  
Research Center

# Marine Research Assets Shared Facility (MRAF)



## Professional Staff

### Stephen Roblee

Captain, R/V Agassiz  
Professor Emeritus, Michigan Technological University

roblee@mtu.edu 906-370-9321 (mobile)

#### Professional Preparation and Education:

- U.S.C.G, Merchant Mariner - Master 100 Ton
- Bachelor of Science - Applied Physics, Michigan Technological University
- Master of Science - Business Administration, Operations Research, Computer Modeling, Michigan Technological University



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Responsible as captain of the R/V Agassiz for navigation and piloting of the vessel in central and western Lake Superior including Isle Royale. Ensuring safe operations for the crew, passengers and vessel while underway and while conducting science operations. Certifications in first aid, C.P.R and A.E.D.

Responsible for maintaining the vessel to ensure compliance with all Coast Guard equipment, safety procedures and annual safety inspections. Assist all scientists and other users in their onboard activities including planning, deployment, operation, maintenance and repair of science equipment when necessary. Assisting in educational activities when requested.

Experienced in limnological, biological, acoustical, hydrodynamic, geophysical, atmospheric and educational activities aboard the Agassiz, including the deployment and operation of remotely operated vehicles.

Experience in wood and metal shop skills, repair and fabrication of hardware in support of Great Lakes Research Center activities.

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#### Activities:

Teaches ED 5611 - Mathematics & Navigation, Teacher Institute, Center for Science & Environmental Outreach, Michigan Technological University

Captain and Instructor - MAAMAADIZI II, an immersion experience in Science, Technology, Engineering and Math (STEM) education and careers, co-sponsored by the Keweenaw Bay Indian Community, and Ride the Waves with General Motors Program, among others.

As a faculty member at Michigan Technological University, designed and developed sensor systems and robotic systems.