

Marine Research Assets Great Lakes Research Center Shared Facility (MRAF)



Professional Staff

Christopher K. Pinnow

Electronics/Computer Engineer

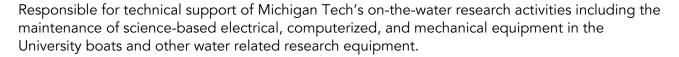
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Professional Preparation and Education:

- MS Computer Science, Michigan Tech University
- BS Computer Science, Michigan Tech University
- BS Electrical Engineering, Michigan Tech University



- National Instruments LabVIEW Certified Associate Developer
- Possess Michigan enhanced drivers license, completed boaters safety, Red Cross CPR & first aid and USCG cold water rescue training.



Educates and supports faculty and staff on the use of specialized scientific equipment and esoteric topics, For example: remotely operated vehicles, autonomous underwater vehicles, autonomous surface vessels, and other associated marine technologies.

Mentors students in subject areas typically not covered in their regular coursework and offers technical guidance through hands-on projects augmenting educational enrichment.

Activities:

Co-Investigator in a DARPA funded autonomous surface vehicle program whose purpose is to improve the survivability of small unmanned Navy boats in high sea states.

Previous Co-Investigator in a ARPA-E funded driverless car project where the objective was to improve fuel economy by adaptive routing, platooning and vehicle to vehicle communication.

Example Publications:

J Eisbrener, G. Murphy, D. Eade, C. K. Pinnow, K. Begum, S. Park, S.-M. Yoo, J.-H. Youn, "Recycled Path Routing in Mobile Ad Hoc Networks," Computer Communications, Vol 29, Issue 9, pp.1552-1560, May 2006.

Michigan Technological University, Department of Computer Science, August, 2005 – "Simple Application Level Checkpointing of Parallel Programs" C. K. Pinnow, P. R. Merkey

