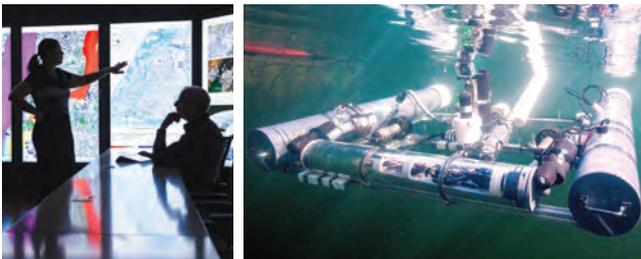


# We Are conducting coastal and resiliency research that benefits Hoboken and our nation.



*Dr. Alan Blumberg, Professor and Director, Davidson Laboratory; Dr. Julie Pullen, Director of the DHS-funded Center for Secure and Resilient Maritime Commerce; Dr. Jon Miller, Research Assistant Professor of Ocean Engineering; and Dr. Michael Bruno, Dean of the Schaefer School of Engineering and Science, are global innovators in the maritime and ocean engineering research communities. At Stevens' Davidson Lab and Maritime Research Center of Excellence, they bring together the brightest minds to find solutions to the challenges facing our nation's coastline – and bring those solutions to the Hoboken community.*

- ▶ **We are the engineers and scientists** working to strengthen urban coastal waterfronts in Hoboken and worldwide. We are developing tools and models to improve prediction and forecasting that enable better decision-making, enhanced public safety and protection of property.
- ▶ **We are maritime experts** providing real-time information to citizens, government agencies and companies. Our publicly available New York Harbor Observing and Prediction System ([stevens.edu/maritimeforecast](http://stevens.edu/maritimeforecast)) makes up-to-the-minute data available on ocean, weather, environmental and vessel traffic conditions and is used by municipalities, commercial and recreational vessels, and even by Hoboken's kayakers.
- ▶ **We are the researchers** whose expertise, quick response and modeling tools provided critical information to the U.S. Coast Guard and New York City's Office of Emergency Management during the "Miracle on the Hudson," helping to bring all passengers of US Airways Flight 1549 to safety.
- ▶ **We are the innovators** whose riptide detection app gives lifeguards along the New Jersey Shore the most accurate tools to protect swimmers, allowing beachgoers to enjoy water activities in safety.
- ▶ **We are the experts who advise the media** and provide technical expertise to policy makers on maritime and coastal resilience issues. And we are advancing solutions to protect us in the future. When Hurricane Sandy struck, Stevens researchers were among the first consulted by government and the media to provide guidance.
- ▶ **We are the researchers securing our region and our nation.** As a Department of Homeland Security-designated National Center of Excellence focused on protecting our nation's waterways, Stevens is developing an underwater detection system to provide early warning of suspicious activities.
- ▶ **We are collaborators with government and industry**, working to protect people and property. And this work protects Hoboken – its families, homes, businesses and schools.



## Stevens. We are Hoboken.

Learn more at: [stevens.edu/stevensconnects](http://stevens.edu/stevensconnects)



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