

4-10-2013

# UMass Boston School for the Environment: Educating the next generation of environmental problem solvers

Robyn Hannigan

*University of Massachusetts Boston, robyn.hannigan@umb.edu*

Anamarija Frankic

*University of Massachusetts Boston, Anamarija.Frankic@umb.edu*

Follow this and additional works at: [http://scholarworks.umb.edu/ocp\\_posters](http://scholarworks.umb.edu/ocp_posters)

 Part of the [Climate Commons](#), [Community Engagement Commons](#), [Environmental Health and Protection Commons](#), and the [Sustainability Commons](#)

---

## Recommended Citation

Hannigan, Robyn and Frankic, Anamarija, "UMass Boston School for the Environment: Educating the next generation of environmental problem solvers" (2013). *Office of Community Partnerships Posters*. Paper 111.  
[http://scholarworks.umb.edu/ocp\\_posters/111](http://scholarworks.umb.edu/ocp_posters/111)

This Presentation is brought to you for free and open access by the Office of Community Partnerships at ScholarWorks at UMass Boston. It has been accepted for inclusion in Office of Community Partnerships Posters by an authorized administrator of ScholarWorks at UMass Boston. For more information, please contact [library.uasc@umb.edu](mailto:library.uasc@umb.edu).





# UMass Boston School for the Environment

Educating the next generation of environmental problem solvers

**Robyn Hannigan, Ph.D. Director, School for the Environment**  
**Anamarija Frankic, Ph.D. Assoc. Director, School for the Environment**

## Summary

Environmental challenges do not recognize disciplinary, socio-economic, or geographic boundaries. To support the development of environmental problem-solvers we deeply engage undergraduate and graduate students in solving real-world environmental problems through innovation and sustainability-focused courses and research experiences. These experiences directly engage local communities in the development and implementation of environmental solutions.

## Goals and Objectives

A curriculum that engages students in the environmental disciplines providing core training in the natural sciences and the social sciences.

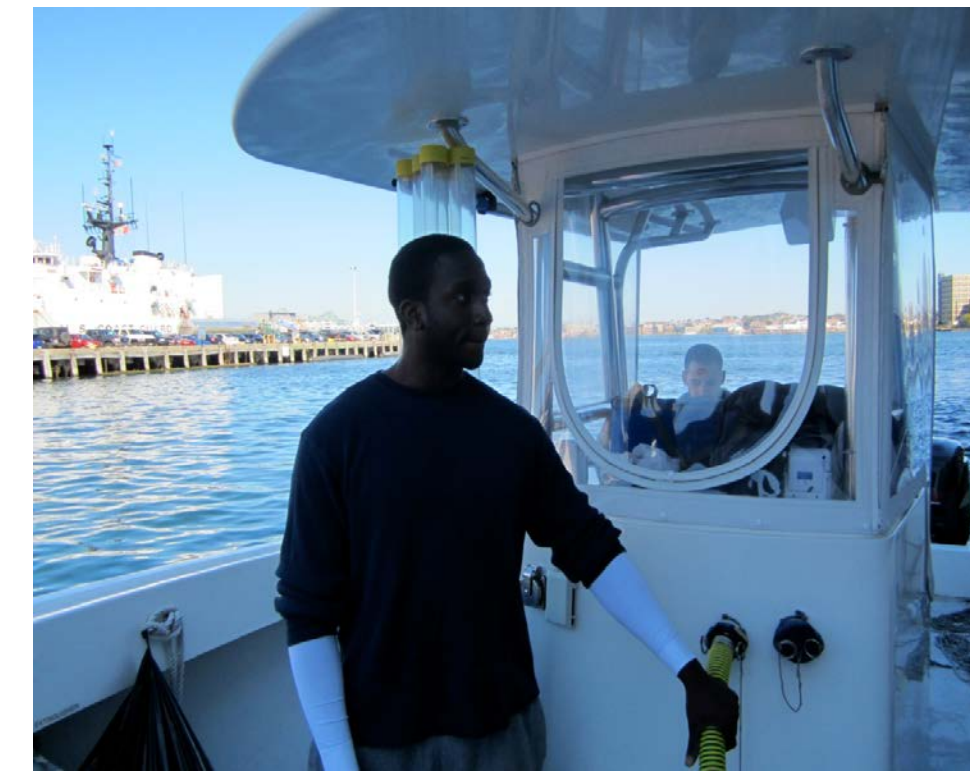


Hands-on experience in the field and laboratory working on locally important environmental problems with global connections.



## Impacts

Integrating community-based research through partnerships with agencies and community organizations.



Serving the communities around Boston Harbor.



Solving local problems with local communities.



Providing that 'missing link' between green education, green job and green economy.

## Approaches and Methods

- Environmental problem solving from first year Gateway Seminar to senior Capstone.
- Locally engaged across the world.
- Integrated human-natural systems training.
- Direct linkages to community expertise.



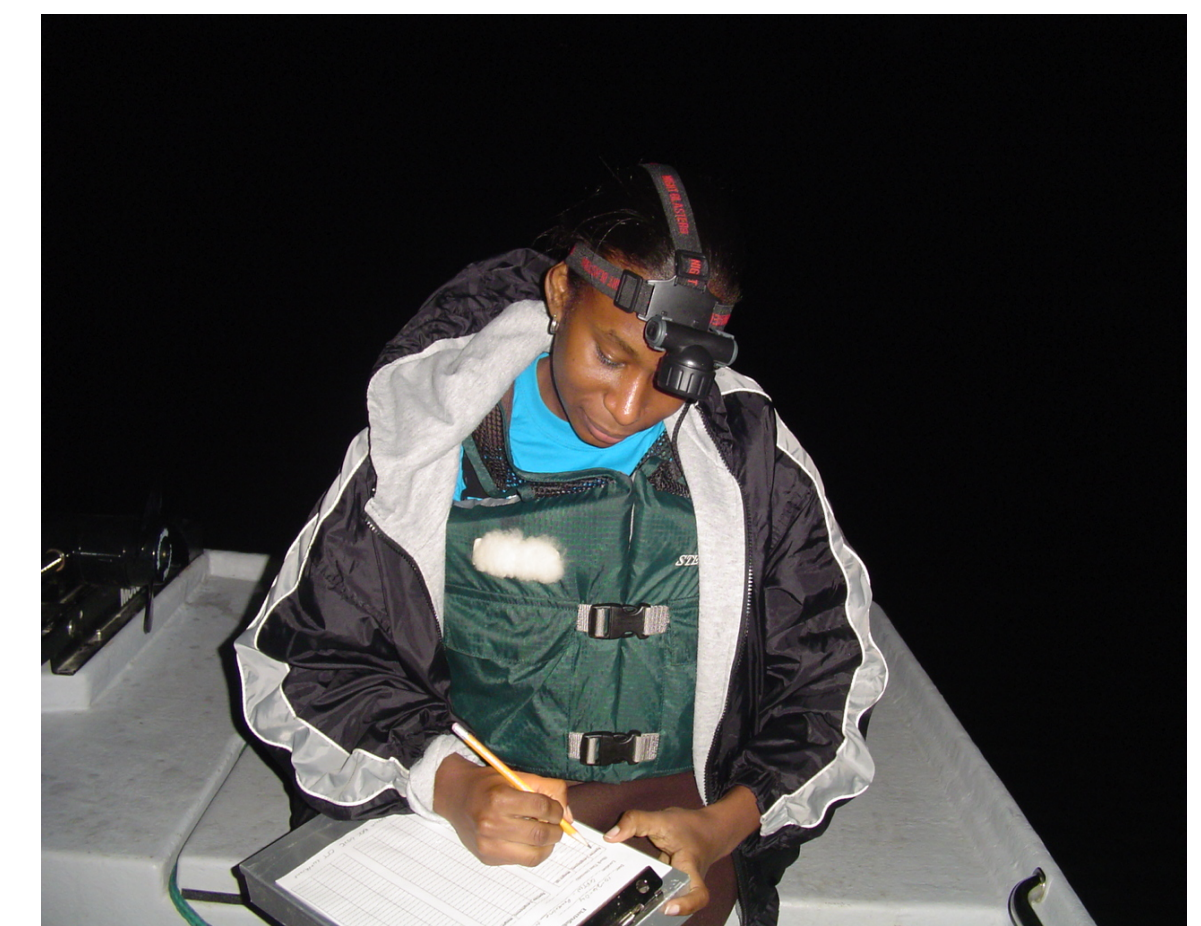
## Next Steps



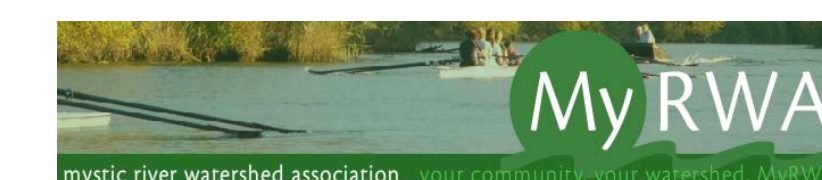
Environmental Action Teams.

Science in Service to the Community.

Applying sustainable Solutions.



## SFE Community Partners



## SFE University Partners

College of Advancing and Professional Studies.  
 Center for Governance and Sustainability.  
 Urban Harbors Institute.  
 Collaborative Institute for Oceans, Climate, and Security.