

Marine Biotechnology and Bioinformatics for teachers

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Publishing

NSF ITEST Grant

NSF ITEST - MLML
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Why publish?


- Expanding the body of knowledge about teaching and learning and stimulating conversation about art and craft of teaching
- Expanding relationship between research and teaching – research-based instructional strategies



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and

- Develop critical thinking skills – writing process involves us in clarifying ideas, concepts and thoughts
- Share learning with others and become part of a professional community – move from a consumer to a producer of knowledge and to promote collaborations and new research



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more


- Increased status among peers
- Professional growth and development – chance to travel and share with others at a regional, national and international level
- Recognition from peers and local community



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plus

- Become part of a scholarly community – sharing and critiquing work
- Increased professional opportunities – conferences, grants, workshops, teaching at other levels



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finally


- Professional advancement – pay scale in many districts moving toward professional development plans and professional service
- New career opportunities – teacher-leader, pedagogical coach, and mentor
- Opportunity for grants and awards



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Recent success stories


- Webquests - publish your webquest on their site
- Genebank - publish your sequence
- Wikis - participatory databases
- Blogs - start on-line discussions of teaching bioinformatic/biotechnology



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What can you publish from ITEST workshop?

- Publish your sequence
- Poster session ITEST Showcase - May
- Workshops at your school and/or school district
- Conference presentation - CSTA, NSTA, NBTA
- Journal articles - NSTA publications



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Questions & Discussion

