RI Science Teachers Association shares opportunities in science education for teachers and students.

|  |
| --- |
|   |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
|  |
|  |

|  |  |  |  |
| --- | --- | --- | --- |
|  |

|  |
| --- |
| Science Update |
| July 15, 2016 |

 |

|  |
| --- |
|   |
|  |

|  |
| --- |
|  |

|  |  |
| --- | --- |
|

|  |
| --- |
| https://ci6.googleusercontent.com/proxy/9-otBCpxhFSINiK3LDm-p5AINKLElouOKIYmDVEw88juaCGk0BHHOxJTGjMSkMmfaxYS92vvSmWTVuB1KHzSfGNvuWTzOPKFLA=s0-d-e1-ft#http://www.rista.us/resources/Pictures/IMG_0032.jpg*If you are interested in any of the opportunities listed, please contact the organization that is listed. Send any items that you consider relevant to other science educators to ristanewsletter@gmail.com***NGSS Resources** *(Taken from NGSS Monthly Bulletin)***[NGSS Video: How to Read the Standards](http://r20.rs6.net/tn.jsp?f=001w9bygbdrwB1o4hPTD_LJYupBICIuy5ceX4BDhpUEu0qI6LI29_JXL_cHoiko30nsw7W-9b90bkQvKUMtPKGCe6gPTImA7oeXa6tZClyBYEQnqaDEnFiCHXgPOV6u1MrZj36umFk4msw3IiU5ZyBVji0dFYiznuTBG7etSZCSwq5tQpHZxCuJMzbwmw7d81A7ysUocLqr_l-MFY6FLll-YVyYGYLISW_-SOQu5RgkLfbCvkxSHlhx35syRgI228mI&c=a0YiGZTeZJrGFGYdiU14VlrS8_9tYPKmdcXUJjtWQdsTYEJckkWe2g==&ch=hB4GlBgSKZ4DgGDbslhDiD-pnmA-7Xu_j60AXJbqxcUm77giVWzNsA==" \t "_blank)**  - This new video explains how the NGSS are structured and describes the different components of the organizational tables in which the standards are arranged. As states, districts, and educators implement the NGSS, this video can serve as an introduction to help understand how the standards are organized. As a supplement to the video, Achieve has also provided an annotated figure of the standards table arrangement that is used as an example in the video.**[Multi-Phased NGSS Workshops for District Staff](http://r20.rs6.net/tn.jsp?f=001w9bygbdrwB1o4hPTD_LJYupBICIuy5ceX4BDhpUEu0qI6LI29_JXL-MpGhKfuJ9RvlsU65T6m_ytsrrvU-9LWRSaMzHjU0786xnxHDFO-VjDNLyqKMe5vz4mMAlf009J9PcjOmQb4QjLYfjS9DEdc0gHhxTJbXVtzrHpL-xQpsonwj-mU4FtqvjjJ09hN_9y4OeIuXvFYCwSVs0asn7lSA==&c=a0YiGZTeZJrGFGYdiU14VlrS8_9tYPKmdcXUJjtWQdsTYEJckkWe2g==&ch=hB4GlBgSKZ4DgGDbslhDiD-pnmA-7Xu_j60AXJbqxcUm77giVWzNsA==" \t "_blank)**- Illinois is hosting Science Foundational Services workshops for district level staff to provide information on NGSS implementation and aligning science curriculum. The training includes an NGSS Overview, which immerses participants in an NGSS-aligned lesson followed by analysis. In the following phase, district staff will attend sessions on The Tools Needed to Bring NGSS to the Classroom, which focuses on what is needed to bring three-dimensional learning to the classroom. **[NGSS Web Seminar Series by NSTA](http://r20.rs6.net/tn.jsp?f=001w9bygbdrwB1o4hPTD_LJYupBICIuy5ceX4BDhpUEu0qI6LI29_JXL-MpGhKfuJ9R8_KNG12HO6pQKAwHkj2u2fothB31HUU2-wbaaq9MeD5mJ-Ln493i8Zw5Qf4e7AiVI73hcqfx2g4rZvgaofXAuhpDC6hDiDMwhc76I_eoWxXVQr4Jv-GqySnAv0mxxfm9JtiIAjx9Q_2dEEw_4SdJpMoD_ocxg7xLNixqVlxxgJih1tv8rKi05rh7fNqRC7lo&c=a0YiGZTeZJrGFGYdiU14VlrS8_9tYPKmdcXUJjtWQdsTYEJckkWe2g==&ch=hB4GlBgSKZ4DgGDbslhDiD-pnmA-7Xu_j60AXJbqxcUm77giVWzNsA==" \t "_blank)**- Since the development of the NGSS began, NSTA has held web seminars to educate its members about the new standards. All the web seminars are archived by timeline and topic on the NSTA website.**[NGSS Example Bundles](http://r20.rs6.net/tn.jsp?f=001w9bygbdrwB1o4hPTD_LJYupBICIuy5ceX4BDhpUEu0qI6LI29_JXL9okiH6l-z1kYFNki4TWhEpF_GPCGGbMf95tRV8D2usa9zAXPaber7MKSKt17mUIvjDy-D7nKzc35Sx2CXEPWMYranR7owPLTyX6Dxd32irdeo58Ak6lRnoGoyQjsxWi-xaNFbndhU6QkQn44B9XfthL3dQQrzFj0Q==&c=a0YiGZTeZJrGFGYdiU14VlrS8_9tYPKmdcXUJjtWQdsTYEJckkWe2g==&ch=hB4GlBgSKZ4DgGDbslhDiD-pnmA-7Xu_j60AXJbqxcUm77giVWzNsA==" \t "_blank)**- This resource explains the process of organizing the standards into groups, or bundles, for coherent instruction as well as featuring sample bundles for each grade level. Along with the [NGSS Example Bundles Guide](http://r20.rs6.net/tn.jsp?f=001w9bygbdrwB1o4hPTD_LJYupBICIuy5ceX4BDhpUEu0qI6LI29_JXL9okiH6l-z1krMOTjcZwjEY3LmEqUg2XFmpzCQgUiRQAL6hbzAit4ujKwhVU1G1XkZTdVTd2kM86VeO9IizyV82mYgM5pjgyG092jtLRmHuqV9w7-wkYysn3G45rqZqQUbBxoLP7qzqtQ2aQBXnu9eqe0_7WhtER6bdPAIJXNYI0F5c-I0pwibnVIu-nIXYC6hAL_MUmUmrO&c=a0YiGZTeZJrGFGYdiU14VlrS8_9tYPKmdcXUJjtWQdsTYEJckkWe2g==&ch=hB4GlBgSKZ4DgGDbslhDiD-pnmA-7Xu_j60AXJbqxcUm77giVWzNsA==" \t "_blank), this document can provide greater clarity to curriculum developers (including educators in the field and commercial publishers) as they envision the process of creating the full range of aligned instructional materials that schools and districts need for implementation. To learn more, watch Achieve’s webinar about NGSS Example Bundles [here](http://r20.rs6.net/tn.jsp?f=001w9bygbdrwB1o4hPTD_LJYupBICIuy5ceX4BDhpUEu0qI6LI29_JXL_oYw3EGEg7csVyf1xwL-OYFCnnSGzptul9UauOmjfvlKjiEtD5Ew7pZN6hL1865GPHZuUv5IP-gjGQhJIhEEZucxppZiBQaN5ufb30Fon09OrShKRDGlL4ziIIfHCFHMPhhgJNKkGIMXkDlfHCQH3_6uilffGG2qaAwZnWI5r8zS5VGfOwGXMKKt3QKwnssWg==&c=a0YiGZTeZJrGFGYdiU14VlrS8_9tYPKmdcXUJjtWQdsTYEJckkWe2g==&ch=hB4GlBgSKZ4DgGDbslhDiD-pnmA-7Xu_j60AXJbqxcUm77giVWzNsA==" \t "_blank)**[PEEC Rubric Survey Tool](http://r20.rs6.net/tn.jsp?f=001w9bygbdrwB1o4hPTD_LJYupBICIuy5ceX4BDhpUEu0qI6LI29_JXL-MpGhKfuJ9R9XxtN5Ep7cIu77sogQR9pku49vrUT0bd_diEd93Bx2t0xnKle-B_q2E-WcTGihhLI6wg2SY1Sq5ItQxIL_tfylyGZt5dn_rEEiJoglvenVL72rrKMpA9aCZqQQL58jAGtlCppslvL6Yv9-5dEQoNevZGxH-o_QZ_Y-J31g-FLVO4QaHJAV14_ehRincQz5fG&c=a0YiGZTeZJrGFGYdiU14VlrS8_9tYPKmdcXUJjtWQdsTYEJckkWe2g==&ch=hB4GlBgSKZ4DgGDbslhDiD-pnmA-7Xu_j60AXJbqxcUm77giVWzNsA==" \t "_blank)**- In order to choose between three middle school science curricula, KIPP DC created an online survey based on the [PEEC Rubric](http://r20.rs6.net/tn.jsp?f=001w9bygbdrwB1o4hPTD_LJYupBICIuy5ceX4BDhpUEu0qI6LI29_JXL-MpGhKfuJ9R4MMy45_bQZTqQL_PEgZc-h8WjssBbFLgoI6tyHlBfxfvDMc2t1jQP-49udvHP8wjryaE05JhxhQY-TaHN5euPtGBf90WN0WOaNS93RCkKFts72Y0_0HDR_r8pX9WUvBHncSuG2LwMoN_OIIOKETai6u-S52ZTBBf9dZa7ElBV0rLMSNemzAHXg==&c=a0YiGZTeZJrGFGYdiU14VlrS8_9tYPKmdcXUJjtWQdsTYEJckkWe2g==&ch=hB4GlBgSKZ4DgGDbslhDiD-pnmA-7Xu_j60AXJbqxcUm77giVWzNsA==" \t "_blank). The survey asked a team of KIPP DC science teachers and school leaders to look at assigned lesson sequences and rate them based on the integration of the three dimensions, assessment, the focus on real world problems or design challenges, engineering design, connections to math and ELA, and some additional criteria beyond the PEEC Rubric important to KIPP DC.**[Modified Principal One-Pager Example](http://r20.rs6.net/tn.jsp?f=001w9bygbdrwB1o4hPTD_LJYupBICIuy5ceX4BDhpUEu0qI6LI29_JXL-MpGhKfuJ9R5nwKIuojNEJodZHvTgGDg6MwfS8RRkDCkOHbk1d_E5NSN31YWPCqOPbi6onJ93artnlmC0sMNiz42XcMe1L3uffEl_fGs7B_wSzYDoxs4P9n5064jvmnl3MlVhHD2614luwVsOcoh84r4QJQpJFUCWil2NWXRKLrRdHldieQ53kS2JZ1EIWA_WoC03Dx709x&c=a0YiGZTeZJrGFGYdiU14VlrS8_9tYPKmdcXUJjtWQdsTYEJckkWe2g==&ch=hB4GlBgSKZ4DgGDbslhDiD-pnmA-7Xu_j60AXJbqxcUm77giVWzNsA==" \t "_blank)**  - Ready Washington created a modified version of the NGSS Overview for Principals resource. Check it out to get ideas about how you could customize the document to fit the needs of your state. The modifiable word document version of the resource is available for download [here](http://r20.rs6.net/tn.jsp?f=001w9bygbdrwB1o4hPTD_LJYupBICIuy5ceX4BDhpUEu0qI6LI29_JXL-MpGhKfuJ9RlHDXlOojSNCgX9uhxBTyHgMaT8DLP49mmZ6qQBVmbbyW6ADLBGghUMANMfYORqIcIYbrtj2Vpn8mMW-sMJY9f2IfQHxa4neSCgoHB36PJNUoJM73-J3rVN5oEMh02ez7BdcwNsn-ouWd6cy2i_zWEx8qLRHhS1-P5iZf_-Ln4TyRqX_jAzdwRzMnY1slNQyg&c=a0YiGZTeZJrGFGYdiU14VlrS8_9tYPKmdcXUJjtWQdsTYEJckkWe2g==&ch=hB4GlBgSKZ4DgGDbslhDiD-pnmA-7Xu_j60AXJbqxcUm77giVWzNsA==" \t "_blank) .**[Good Thinking! The Science of Teaching Science Video Series](http://r20.rs6.net/tn.jsp?f=001w9bygbdrwB1o4hPTD_LJYupBICIuy5ceX4BDhpUEu0qI6LI29_JXL-MpGhKfuJ9R4pwxNor6_q_xaW-wvH6SXIofWU0mYqBgCEzSBzq1f4oqNgIV4YZmQOdagzWM99H2HZ-i48382TV9iPmD-OuAZLXv3iPcrCC_NfKsYkHWioLXuhwB-hSdcw==&c=a0YiGZTeZJrGFGYdiU14VlrS8_9tYPKmdcXUJjtWQdsTYEJckkWe2g==&ch=hB4GlBgSKZ4DgGDbslhDiD-pnmA-7Xu_j60AXJbqxcUm77giVWzNsA==" \t "_blank)**- Smithsonian Science Education Center has an animated video series resource for educators (not students) about how kids learn science, grounded in findings from peer-reviewed science and education research. Find the video series on YouTube organized by topic [here](http://r20.rs6.net/tn.jsp?f=001w9bygbdrwB1o4hPTD_LJYupBICIuy5ceX4BDhpUEu0qI6LI29_JXL-MpGhKfuJ9RzT-BSYNCNcXGJY0iw6C4913kWMVlQSfDM3IuUX_AxbCDpi8iuC_MSD5Bn7bAGmBDA03UjFXSirtj3O9JlTsGy-djSiCE2lGmGSK1ogJr_snFeRAumF4M_MpyPyKQW40dyqscOtbmD2eaeDzPZV3neem1dCw4WpBs8ouO6Z759Ma0GDHDnsN7Eg==&c=a0YiGZTeZJrGFGYdiU14VlrS8_9tYPKmdcXUJjtWQdsTYEJckkWe2g==&ch=hB4GlBgSKZ4DgGDbslhDiD-pnmA-7Xu_j60AXJbqxcUm77giVWzNsA==" \t "_blank)**[PBS NewsHour NGSS Video](http://r20.rs6.net/tn.jsp?f=001w9bygbdrwB1o4hPTD_LJYupBICIuy5ceX4BDhpUEu0qI6LI29_JXL-MpGhKfuJ9R0ILmURAvUdA4P2V_LWW1l4D7tDqFs7offScxqtulKBjXRvmKj1B5q86qtZ8pXlJfL4jk1pJUyfA3dSTlDxwhO_fIrJQH8UJlQFe9CnkDw8UtB57O3V5meLUDiLqkVndIMWu82hwwgatzQEtLtbxisb2PpoFGTJO303OKfTqBRH5PqbofXFIFvz4KbsBQm6azN6cckZEtAsk-FeKzI1Rbt1Vyc9b4K7az&c=a0YiGZTeZJrGFGYdiU14VlrS8_9tYPKmdcXUJjtWQdsTYEJckkWe2g==&ch=hB4GlBgSKZ4DgGDbslhDiD-pnmA-7Xu_j60AXJbqxcUm77giVWzNsA==" \t "_blank)**- On June 21, PBS did a story on NGSS in a segment titled, “In elementary education, ‘doing science’ rather than just memorizing it.” The piece, which includes interviews with students, teachers, and other experts, describes how science classrooms will change with the NGSS and some of the challenges of implementation. It is a great introductory video to pass along to any audience just beginning to learn about the NGSS. **Opportunities & Resources for Teachers:**   2016 NEACT Summer Conference August 7 - 10 Now that school is over and summer is here, consider attending this year’s event.[Attached please find](http://www.rista.us/resources/Documents/2016%20NEACT%20Summer%20Conference%20Program%20Fiinal%20-%20version%202.docx%22%20%5Ct%20%22_blank)  the Conference Program, details of the Graduate Credit Course through MCLA and instructions for registering for the conference as well as the graduate course.  The latter will provide 30 hours of PDP and 2 graduate credits in Chemistry.  There is still financial aid available for those who need a bit of help.We have assembled an excellent program centered around the theme of the conference, Natural Chemistry, with a good mix of lectures in the mornings and workshops on teaching pedagogy and new laboratory experiments in the afternoons.  We have also arranged for field trips to local museums, Williamstown theater and the Natural Bridge State Park nearby. Hope to see many of you at the conference.  Please also spread the word among your colleagues who are looking for professional development opportunities. We hope you will register sooner than later to make the planning easier.  Please visit [www.neact.org](http://www.neact.org/%22%20%5Ct%20%22_blank)  for online registration. If you need any information about registration, please contact Kathy Siok, registrar (kathys5@cox.net).eCybermission: Free Opportunity for Grades 6-9On behalf of the United States Army Educational Outreach Program (AEOP) and its eCYBERMISSION program, the National Science Teachers Association (NSTA) is seeking Mini-Grant Applications for the 2016-2017 academic year. NSTA administers the Army’s eCYBERMISSION competition for the AEOP as part of the Battelle Consortium formed by the AEOP cooperative agreement award to Battelle Memorial Institute. Disbursements are based on the number of students involved as well as free/ reduced lunch status of the school. 1/3 of the grant moneys will be sent to the school directly to be used to support student participation in the program in the form of supplies or professional development for the teacher.eCYBERMISSION is a web-based science, technology, engineering, and mathematics (STEM) competition that is free to students in grades six through nine that promotes self-discovery and enables all students to recognize the real-life applications of STEM. Teams of three or four students are instructed to ask questions (for science) or define problems (for engineering) based on identified problems in their community. Students compete for state, regional, and national awards. **All work is submitted online**.  The competition opens in August and final submission is due by February 28, 2017.  Student prizes are awarded at the state, regional, and national levels by grade level. To request the mini-grant application, please email **Cheryl Long**(clong@eCYBERMISSION.com).2016 Ocean Literacy SummitRegistration is now open for the New England Ocean Science Education Collaborative’s (NEOSEC’s) [2016 Ocean Literacy Summit](http://www.neosec.dreamhosters.com/previous-summits/2016-ocean-literacy-summit%22%20%5Ct%20%22_blank) , which will take place November 3 and 4th in Portland, Maine.  This year’s Summit will focus on the latest research and education activities surrounding Ocean Literacy principle #3: “The ocean is a major influence on weather in climate.” 2016 Summit events will include: ·  A climate change workshop led by the National Network for Ocean and Climate Change Interpretation (NNOCCI); ·  A keynote address by Dr. Andy Pershing Chief Scientific Officer at the Gulf of Maine Research Institute (GMRI); ·  Talks by scientists and educators, in a redesigned format that will enable participants to hear all presentations; ·  An interactive Science an Education Fair to highlight hands-on activities and interpretive ideas on teaching ocean literacy;·  A panel on effective messaging, creative tools, tips and marketing; ·  and numerous networking opportunities. To register for one or both days of the Summit, please go [here](http://conferences.usm.maine.edu/AttendeeOnline/RegistrationNew.aspx%22%20%5Ct%20%22_blank)Online registration will be open until October 20th, 2016. Registration rates: ·         Thursday only, $65 (student rate $50)·         Friday only, $85 (student rate $65)·         Both days, $150 (student rate $135)Sign up now to be a presenter at the science and education fair during the Ocean Literacy Summit on November 4th. Participants will demonstrate their educational approach, tool, or activity, or share a poster to discuss their research. We hope that this will be a dynamic part of the Summit which will inspire connection and collaboration between scientists and educators.  To submit a proposal for the Science and Education Fair, please go [here](https://www.surveymonkey.com/r/2016OLFair%22%20%5Ct%20%22_blank)Questions?  Please contact Aimee Bonanno at abonanno@neaq.orgInner Space Center Summer ToursJoin us on one of our special tour dates this summer to get a behind the scenes look at what happens at the Inner Space Center.Feeds from ships of exploration, including the E/V *Nautilus* and NOAA Ship *Okeanos Explorer*, are streaming live to the ISC almost every day this summer! Discover where the latest deep-sea explorations are taking place, see ancient shipwreck artifacts from previous expeditions, and listen to scientists as they make their next discoveries!**Special, summer tour dates include:**Tuesday, July 5 @ 3PMWednesday, July 13 @ 11AMThursday, July 21 @ 2PM  Friday, July 29 @ 10AM Tuesday, August 9 @ 1PMWednesday, August 17 @ 10AM  Thursday, August 25 @ 2PMFee: $5 per participant.As part of our special summer tours, we are offering **educators** a chance to visit the ISC for**FREE**. Only one free educator per booking. To receive this discount, use the following promotion code when registering, **EdDisc\_ToursSummer2016**. Please contact tours@innerspacecenter.org  with any questions. [Book here! (pre-registration is required)](http://r20.rs6.net/tn.jsp?f=001fhkpSuaHg5Kg5DGOwp_oehQsypYEaaVKI0w43P2bw6NtdRe2RZKv53QwNGcwUdc6baMYe_cFX2q5Wonh-rnW5C8860km_rKNEtfrzUVXCnHiExndNJaFrA_qAlmC1ZphMImsO52nBL_zjMueOvHq83Y8QuTA7V-mn5jwWRmtyGG7QN34gcrMI66c948vvlhq&c=4UMmxZkn2Y9oo8Baf3840pH7c4JPoHNIFIm00rMRIkebsUzXojb35w==&ch=nhaXiUEy-J6nzANqYfQgvNAUtoMYu4b4TnIGnNMUQY1ErPSB3tAbaw==" \t "_blank)Teacher Grant OpportunityInterested in winning $500 for your classroom? *SaveOnEnergy.com*® is looking for the best lesson plans for teaching students about energy or sustainability. We teach consumers of all ages about the many aspects of energy in our Learning Center through blog posts, videos and infographics. Plus, our Nico the Ninja guides help teach kids about electrical safety and energy savings.Now it’s your turn to create a lesson plan for our second annual Teacher Grant that can help kids learn about energy. We encourage lesson plans that vary in scope and topic, and you’re welcome to cite any helpful information you find on the SaveOnEnergy.com Learning Center.For complete information, as well as submission details, please visit  [https://www.saveonenergy.com/teacher-grant/](https://www.saveonenergy.com/teacher-grant%22%20%5Ct%20%22_blank)Free Standardized Recycling Bin LabelsBack in April, RIRRC was thrilled to announce that Rhode Island became the first state in the nation to adopt *[Recycle Across America](http://www.recycleacrossamerica.org/%22%20%5Ct%20%22_blank)*standardized labels for recycling bins.  We’ve been giving away free labels to RI schools, and have just expanded the offering to state agencies, municipal buildings, and private institutions and businesses as well.Please find a [short info guide,](http://www.rista.us/resources/Documents/Recycle%20Across%20America%20Label%20Info%20and%20Placement%20Guide.pdf%22%20%5Ct%20%22_blank)  as well as [a chart](http://www.rista.us/resources/Documents/Label%20Distribution%20by%20School%20Dept%20as%20of%207.1.16.pdf%22%20%5Ct%20%22_blank)  showing which school districts have taken them (and*who* took them, since taking them doesn’t mean they’ve been placed on the bins!) **If you work in or closely with any school and can help to get these onto bins, please contact Krystal Noiseux** at RIRRC [401.942.1430 x 109](http://www.rista.us/tel%3A401.942.1430%20x%20109%22%20%5Ct%20%22_blank) Deep Earth ExplorationThe Center for Deep Earth Exploration welcomes applications to the Shipboard Outreach Staff from formal and informal educators at all levels, as well as creative individuals who have a passion for IODP and the skills and potential to increase the profile of the program in the public eye. [https://deepcarbon.net/announcements/call-shipboard-outreach-staff-iodp-expedition-370-t-limit-deep-biosphere-muroto](https://deepcarbon.net/announcements/call-shipboard-outreach-staff-iodp-expedition-370-t-limit-deep-biosphere-muroto%22%20%5Ct%20%22_blank) Contact Maryann C. Scholl: mscholl@uri.edu   [401-874-6500](http://www.rista.us/tel%3A401-874-6500%22%20%5Ct%20%22_blank)  with any questions.Americorps VISTA Job PostingThe United Way of Rhode Island is looking for someone to fill the role as the AmeriCorps VISTA for their STEM Expansion Initiative.About the Job:The STEM VISTA will be a valued member of the Community Investment team at the United Way.  The STEM VISTA will work to build partnerships with STEM-related businesses, industry partners, higher education officials, and schools to increase coordination and improve the quality of out-of-school-time programs. The STEM VISTA will also help to coordinate professional development opportunities for out-of-school-time providers throughout Rhode Island to improve the quality of the workforce and ultimately the quality of STEM programming throughout the state. Finally, the STEM VISTA will act as a liaison among United Way staff to ensure the sustainability of STEM as a tactic across the organizations work with youth.  The full job description is attached.How to apply:Please visit: ­­ [https://my.americorps.gov/mp/listing/viewListing.do?id=61949&fromSearch=true](https://my.americorps.gov/mp/listing/viewListing.do?id=61949&fromSearch=true" \t "_blank)to submit a resume and cover letter through our system. Candidates who are invited to interview will also be asked to complete an application on the AmeriCorps website. Reach out to Allison Reilly with any questions about the position. allison.reilly@uwri.orgTeachers on the Estuary (TOTE): Investigating a Changing EnvironmentPD designed for middle and high school teachers being offered by the Narragansett Bay National Estuarine Research Reserve based out on Prudence Island and is free of charge. The workshop will be August 15-18, includes dorm-style lodging while on location on Prudence Island.  Teachers will get access to real data while working with scientists to develop investigations that can engage their students.  See [the flyer](http://www.rista.us/resources/Documents/TOTE.pdf%22%20%5Ct%20%22_blank)  for info or information on the workshop at: [http://www.nbnerr.org/tote.htm](http://www.nbnerr.org/tote.htm%22%20%5Ct%20%22_blank)Historic South Ferry Walking Tour –Wednesday, July 20, 2016, 10:30-12:00pm& Wednesday, August 3, 2016, 10:30-12:00pmLocal Historians Bernice and Wayne Durfee will be giving a 45-minute public lecture and slide presentation on the fascinating history of the South Ferry Village area in Narragansett, RI. Beginning with the late 1600’s land purchase, the area’s use for shipbuilding, several ferry services, a steam engine generated wool and cotton mill - on through to the acquisition of the land by the US government for use as a strategically placed military installation.  The presentation will be followed by a 30-minute walk to the remaining gun turrets on campus and ending at the South Ferry Church.For room locations, information or directions call [401-874-6211](http://www.rista.us/file%3A//localhost/tel/401-874-6211%22%20%5Ct%20%22_blank) .Beachcombing for FamiliesSunday, July 17, 2016, 10:30-12:30pm &Sunday, August 14, 2016, 10:30-12:30pmFree two-hour beachcombing experience, led by a URI Graduate School of Oceanography Outreach Scientist, will explore one of Rhode Island’s unique coastal beaches.To register for this event please call the Office of Marine Programs at [401-874-6211](http://www.rista.us/file%3A//localhost/tel/401-874-6211%22%20%5Ct%20%22_blank) .Endeavor Open HouseSaturday, September 10, 2016To celebrate Research Vessel Endeavor’s 40th anniversary, the University of Rhode Island’s Graduate School of Oceanography will host a public open house at the Narragansett Bay Campus from 10 am to 4 pm on Saturday, September 10, 2016, including tours of R/V Endeavor, a touch tank for kids, and exhibits about Narragansett Bay, oceans, and marine life. Tours and exhibits are free and open to the public. Food will be available from local food trucks. For information visit [www.gso.uri.edu/event/endeavor-open-house](http://www.gso.uri.edu/event/endeavor-open-house%22%20%5Ct%20%22_blank)For more information or directions call [401-874-6222](http://www.rista.us/file%3A//localhost/tel/401-874-6222%22%20%5Ct%20%22_blank) .Are You Ready for the Astronomical Event of the Decade?August 21,2017 will be the first total solar eclipse visible in the US in almost 40 years.  Everyone in the US will see a partial eclipse, but only those people in a narrow 60-mile across band will see the total eclipse.  The website[http://eclipsewise.com/solar/SEgmap/2001-2100/SE2017Aug21Tgmap.html](http://eclipsewise.com/solar/SEgmap/2001-2100/SE2017Aug21Tgmap.html%22%20%5Ct%20%22_blank)  provides an interactive map where you can get details regarding the eclipse for your location and where you have to go to see the total eclipse.NSTA (National Science Teachers Association) produced an Eclipse Observing Guide ([http://www.nsta.org/publications/press/extras/files/solarscience/SolarScienceInsert.pdf](http://www.nsta.org/publications/press/extras/files/solarscience/SolarScienceInsert.pdf%C2%A0%22%20%5Ct%20%22_blank);;) that you will find useful. It provides details about the solar eclipse, what causes it, and how to view it safely.The eclipse may seem some time away, but housing along the path of totality is already filling up, so the time is now to beginning planning for this astronomical event of the decade.SimScientists Needs Middle Level Pilot Classrooms!WestEd, a not-for-profit educational research agency, is currently recruiting middle grade science teachers for one of our projects: SimScientists: Model Progressions, for the 2016-2017 school year.The SimScientists: Model Progressions Pilot project, with funding from the United States Department of Education, Institute of Education Sciences, is an instructional module development project that aims to use technology to give students ways to explore and express their science knowledge through computer simulations of science systems. This is a great research opportunity to use innovative instructional modules that are designed to support the Next Generation Science Standards (NGSS) with your students.Participating teachers will receive training, a stipend up to $1000 for their involvement in the study, as well as access to simulation-based computer instructional modules.In order to participate, middle grade science teachers must be planning to teach units on **Ecosystems AND Genetics, within the same grade,**and be willing to use two suites of SimScientists simulation-based instructional modules for both **Ecosystems AND Genetics** units in their classroom. The pilot testing would need to occur during the beginning of the 2016-17 school year, with BOTH units and all study activities ending no later than March 15, 2017Study participation involves: sending home consent forms with your students, using the instructional modules for the two study units in your classroom during a total of **twelve class days**, a half day online training webinar, and completing end of unit surveys after each unit.Please see the “SimScientists Model Progressions Strand” for more information on these units:[https://wested.box.com/s/2sshcgx5qzrwz1061b5oa8dtxfmcr64s](https://wested.box.com/s/2sshcgx5qzrwz1061b5oa8dtxfmcr64s%22%20%5Ct%20%22_blank)For technical requirements, please click here: [https://wested.box.com/s/p992tod7lwseeq238zicj74bpjay7ssg](https://wested.box.com/s/p992tod7lwseeq238zicj74bpjay7ssg%22%20%5Ct%20%22_blank)  \*Note: SimScientists modules are **NOT** supported on iPads, iPhones, or other tablets. For answers to frequently asked questions about participating in a SimScientists study, please see our FAQs at:[https://wested.box.com/s/v48qp7erd3k05p9lup6kgxklo0njqath](https://wested.box.com/s/v48qp7erd3k05p9lup6kgxklo0njqath%22%20%5Ct%20%22_blank) If you are interested in participating in this research opportunity, please complete an online intake survey at:[https://www.surveymonkey.com/r/MPPilotIntakeSurvey](https://www.surveymonkey.com/r/MPPilotIntakeSurvey%22%20%5Ct%20%22_blank)To learn more about this project, please see the FAQs or email Melissa Essinger at messing@wested.org. For the best chance of participating, please complete the survey by \*\*\*July 18th\*\*\* |

 |

|  |
| --- |
| Follow RISTA on Twitter |

|  |
| --- |
|  |
|   |

|  |
| --- |
| Copyright © 2016 {RISTA}. All rights reserved.Contact email: {ristanewsletter@gmail.com} |

 |

 |