

The UNH STEM Teachers' Collaborative: Connecting NH Teachers to High Quality Professional Development in STEM

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University of New Hampshire

The Joan and James Leitzel Center for
Mathematics, Science, and Engineering Education

Internal to UNH

- Host the annual STEM Educators Summit for STEM teachers at alternating locations around the state
- Promote UNH PD events for teachers and students through social media and email networks



Speaker Chris Emdin from Columbia Teachers College at the 2016 Summit



Elementary teachers learning engineering concepts in the summer of 2016

- Connect teachers with campus programs such as STEMbassadors, University Instrumentation Center, SeaPerch, class speakers, etc.
- Work with UNH Teacher Residency in Rural Education (TRRE) graduates to support them in their early years of teaching

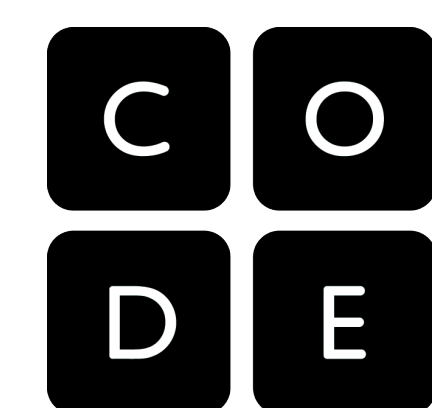
Acknowledgements

The STEM Teachers' Collaborative is generously funded by

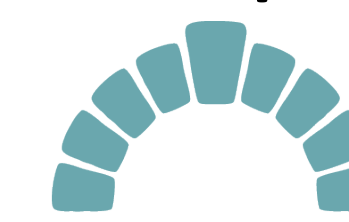


New Opportunities for Teachers

The STEM TC was awarded a grant to the New Hampshire Charitable Foundation to fund a loaner program for Engineering is Elementary kits and MakeyMakey kits to NH schools. Teachers may borrow fully stocked kits and books for use in their classrooms. We are working to become an EiE certified professional development provider.



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NEW HAMPSHIRE
CHARITABLE FOUNDATION

The STEM TC partnered with the STEM Discovery Lab on the Manchester campus as well as the CS4NH coalition to bring the code.org Regional Partner Program to New Hampshire. We are excited to bring code.org's highly acclaimed PD workshops to teachers all across the state.



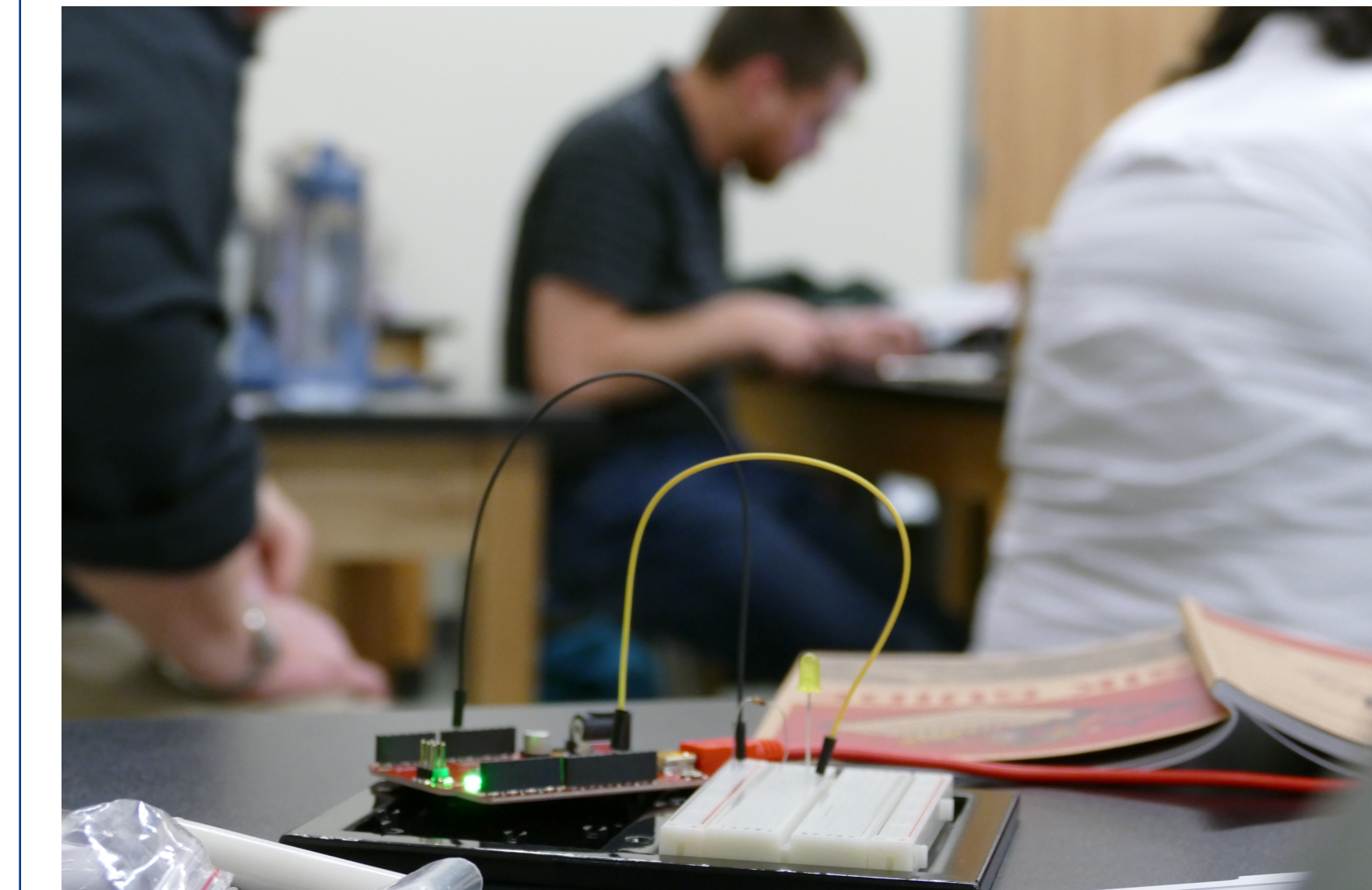
External Affiliations

We are a proud 100Kin10 partner and have been part of the Rural PLC Project Team.

Member of

- NSTA
- CS4NH
- CSTA-NH
- NHSTA
- NHSTE
- NHSLMA

For School Districts

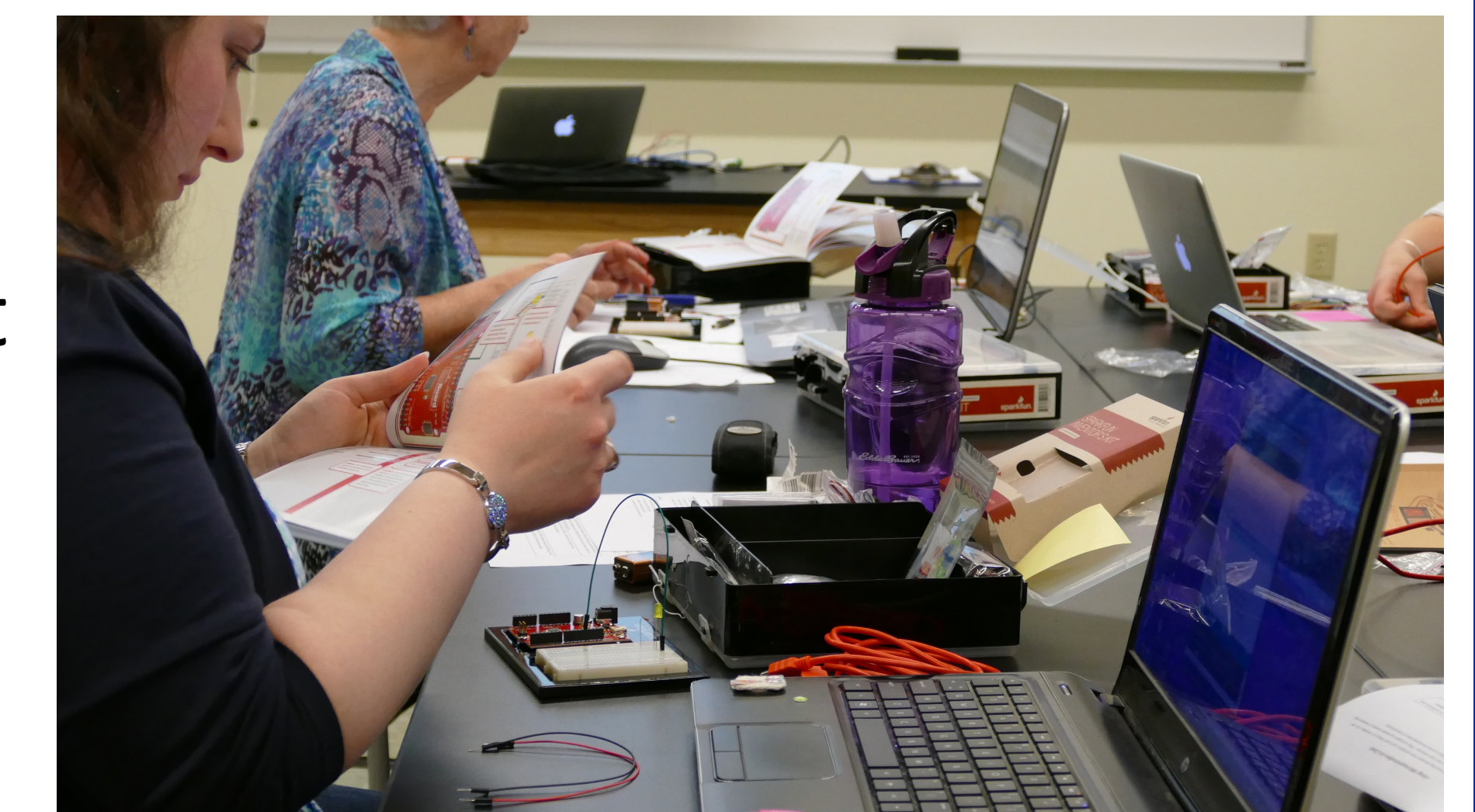


Teachers exploring Arduinos at a workshop

The STEM TC works with districts and teachers to:

- Integrate writing into STEM disciplines

- Provide workshops on coding across the curriculum, engineering, science content, technology, robotics
- Align K-12 curriculum to the newly adopted Next Generation Science Standards (NGSS)
- Develop performance assessments based on the NGSS
- Identify grants and help with proposal development
- Tailor STEM professional development to a district's needs



Coding workshop for teachers

Contact Information

Join the STEM TC!



@UNHSTEMTeach



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