



# Wearable Research for In-service STEM Teachers (WRIST)

NSF Research Experience for Teachers (RET)

## Summary

The objective of the WRIST RET site program is to engage high school computing teachers in cutting-edge research projects in wearable computing and related areas.

- Six-week immersive summer research experience under direct faculty mentorship,
  - Research in ‘Activity Recognition Using a Wearable Accelerometer’
- Developing teaching materials for class
- One-day intensive Spring workshop

## Schedule at a Glance: *Summer Component (June 10 – July 31)*

June 2019							July 2019						
S	M	T	W	Th	F	S	S	M	T	W	Th	F	S
						1		1	2	3	4	5	6
2	3	4	5	6	7	8	7	8	9	10	11	12	13
9	10	11	12	13	14	15	14	15	16	17	18	19	20
16	17	18	19	20	21	22	21	22	23	24	25	26	27
23	24	25	26	27	28	29	28	29	30	31			
30													

  

Kick-off & Final Presentation Weeks (Mandatory Attendance Required)	Mentor Advising Days	Progress Presentation Day	Flexible Working Days
□	□	□	□

- RET kick-off meeting (Mandatory): June 10 – June 14
- Mentor Advising Days (require to attend 5 out of 6 meetings): Every Monday except the first and last weeks.
- Progress Presentation Days (require to attend 5 out of 6 meetings): Every Wednesday except the first and last weeks.
- Flexible Working days: the participating teachers can choose any working week days.
- Final Presentation Days (July 29 – July 31)
- ***Spring Workshop (Spring 2020):*** The summer research participants will present, exchange, and share their research experience and teaching materials. The curriculum modules developed during the summer will be distributed for other schools to adopt.

**Compensation:** Participating teachers will receive stipends totaling an amount of \$6,000 for completing all summer activities and \$1,000 for the spring workshop.

### Application: Application deadline is Apr 19, 2019

Applications will be reviewed on a rolling basis starting Apr 1, 2019.

#### Eligibility

- Middle/High School Computer Science or Information Technology-related teacher
- Full-time commitment of 40 hours per week to the six-week summer research program and one-day spring workshop

For inquiries or to notify us of your interest, please contact:

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