



# Research Experiences for Teachers (RET) CHIP DESIGN RESEARCH EXPERIENCE FOR TEACHERS 2023-2024

The NSF Research Experience for Teachers (RET) is a year-long program for Stillwater and neighboring area high school and community college teachers (Grades 9-14). This RET includes a 6-week summer internship on semiconductors and chip design at Oklahoma State University. Participants must also translate their research experience into new curriculum modules.

## Program Dates

**Period 1:** June 12- June 30, 2023  
Independence Day Week Off

**Period 2:** July 10 - July 28, 2023  
Hours: 9:00 am - 5:00 pm

## Summer Location

Oklahoma State University  
215 N Hester Street  
Stillwater, OK 74078

## Internship Benefits:

- \$8,000 stipend
- Up to \$2,000 of additional awards upon meeting program criteria
- 6-week internship in an integrated circuit (IC) design laboratory to learn about semiconductors and chip design fundamentals
- Support in developing inquiry-based pedagogy and lesson plans
- Network with fellow STEM teachers
- Opportunity to earn a free trip to Washington, DC, to present your work

## How to Apply

Visit our Website at  
[ceat.okstate.edu/stem/ret](http://ceat.okstate.edu/stem/ret)  
To learn more about the Chip  
RET internship and apply!



**Apply Here**

## Eligibility

- Current STEM teachers in high school or community college
- No prior knowledge of chip design is required

## Internship Structure

- Research under an OSU faculty and a graduate student mentor
- Individual and group meetings to discuss research experience
- Submit your lesson plan to [TeachEngineering.org](http://TeachEngineering.org)



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AND TECHNOLOGY**

## Questions?

Contact

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