



Charles H. Townes Optical Science and Engineering Program Clemson University, Clemson, South Carolina



An undergraduate student research experience where students from science and engineering related programs come to Clemson University for a 10 week summer program to work in state of the art laboratories in Clemson's Center for Optical Materials Science and Engineering Technologies (COMSET)



This program was named for the late Dr. Charles H. Townes, recipient of the 1964 Nobel Prize in Physics for the invention of the maser (the predecessor to the laser), who is an alumnus of Furman University (1935) and Clemson (*honoris causa*, 1963).



- ◆ 10 weeks on Clemson's campus with housing, parking and bus service throughout the area
- ◆ \$3500 Stipend
- ◆ Opportunity to meet other students at Clemson doing summer programs from around the world; while working with Clemson students
- ◆ Vast Alumni network
- ◆ Group lunches and activities with the program
- ◆ Help with presentations and write ups to create a poster to present at conferences
- ◆ Potential for publishing papers
- ◆ Hands on equipment use
 - Electron Microscopes
 - Optical Draw Tower, Lathe and Fluorescent Measurement Equipment
 - AMRL Facilities



Move in Date: May 20, 2018 **Program Start Date:** May 21, 2018
Move out Date: July 28, 2018 **Program End Date:** July 27, 2018

To apply:

Fill out the following application AND email a copy of your personal statement and resume to courtnc@clemson.edu by March 9, 2018 at 5pm EST Application:

<https://goo.gl/forms/ZFCX49ZgQF8iRLSH3>



For questions, please contact:

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<http://www.clemson.edu/centers-institutes/comset/townes/summer-program.html>