

# Cooperative International Science and Engineering Internships (CISEI)

## Summer 2017 Program Information

June 26- September 1\* \*program dates may differ slightly depending on location

Sponsored by the UCSB Materials Research Laboratory (MRL) and the NSF REU program

### Cooperative International Science and Engineering Internships:

The Materials Research Laboratory (MRL) and the International Center for Materials Science (ICMR) are seeking undergraduate science and engineering majors who are interested in pursuing a research experience overseas. This internship program will send US Science and Engineering majors to international partner institutions for a 10-week summer research experience. Internships are available at research centers in Eindhoven-Netherlands; Oxford-England; Dublin-Ireland; Saarbruecken-Germany and Gothenborg-Sweden.

Interns will gain first-hand experience in scientific investigation in a dynamic, collaborative research environment. Interns will gain first-hand experience in scientific investigation in a dynamic, collaborative research environment and enjoy the overall experience of being abroad. Participating students will be matched individually with designated mentors, working in collaboration throughout the program.

Most projects will be in interdisciplinary Materials Science; we encourage applicants with backgrounds in Mechanical, Chemical, Electrical or Computer Engineering, Biology, Biochemistry, Chemistry, Materials or Physics.

### Web Sites...

To learn more about MRL and ICMR, please go to the following web sites:

[www.mrl.ucsb.edu](http://www.mrl.ucsb.edu)

[www.icmr.ucsb.edu](http://www.icmr.ucsb.edu)

To learn more about the partner institutions please refer to these websites:

Leibniz Inst. for New Materials, Saarland Germany:

<http://www.inm-gmbh.de>

Oxford University Dept. of Materials:

<http://www.materials.ox.ac.uk/admissions/postgraduate/newprojects.html>

Technical University Eindhoven Dept of Chemical Engineering and Chemistry: <http://w3.chem.tue.nl/en/>

Trinity College Dublin: <http://www.sure.tcd.ie/>

Chalmers Institute of Technology, Sweden

[http://chalmers.us2.list-](http://chalmers.us2.list-manage.com/track/click?u=cd02915ddecc5a4041e9c1cb3&id=e6761b308f&e=fa95d2d529)

[manage.com/track/click?u=cd02915ddecc5a4041e9c1cb3&id=e6761b308f&e=fa95d2d529](http://chalmers.us2.list-manage.com/track/click?u=cd02915ddecc5a4041e9c1cb3&id=e6761b308f&e=fa95d2d529)

### Program Details:

1. The Summer CISEI program will run from June 26 to September 1, 2017. Program dates may vary depending on location of the partner institutions. Applicants to Oxford must be available July 4 to September 10.
2. Housing, travel and living expenses are provided!

### Student Eligibility:

This program is open to any science or engineering undergraduate student who meets the following requirements:

- Will be enrolled as a junior or senior in Fall 2017
- Is a US citizen or permanent resident
- Has a passport valid through September 2017 or an expedited passport application submitted at the time of application
- For logistical reasons, preference will be given to students from southern California schools or those who have previously participated in a UCSB internship program.

### Application Process:

An internship application must include the following components (see application form for more details)

1. A completed online student application form
2. A statement of research interest; you may submit separate statements for your top two sites of interest
3. Your resume
4. A copy of your unofficial transcript
5. One letter of recommendation from a former research supervisor emailed directly to Dr. Dorothy Pak ([pak@mrl.ucsb.edu](mailto:pak@mrl.ucsb.edu))
6. We may request a phone or in-person interview with student applicants prior to selection.

### Questions or concerns?

Contact Dr. Dorothy Pak at e-mail: [pak@mrl.ucsb.edu](mailto:pak@mrl.ucsb.edu); (805) 893-5314

### Send your application to:

Dr. Dorothy Pak  
Materials Research Laboratory  
University of California  
Santa Barbara CA 93106-5121

Or via e-mail to [pak@mrl.ucsb.edu](mailto:pak@mrl.ucsb.edu)

Fax: (805) 893-8797

### APPLICATION Deadline: FEBRUARY 12, 2017

Award announcements will begin by April 15, 2017

Only complete applications will be reviewed for awards.

# Cooperative International Science and Engineering Internships (CISEI)

Summer 2017 Student Application Form

## A COMPLETED INTERNSHIP APPLICATION INCLUDES THE FOLLOWING:

### 1. A completed online application form

**2. A statement of interest** explaining your research interests, background, internship location preferences and how this internship fits into your future career goals. Your essay should be typed, and at most one page long. You may submit separate research statements for your two internship location preferences. **Applicants to Oxford University:** please refer to the Oxford Materials website (<http://www.materials.ox.ac.uk/admissions/postgraduate/newprojects.html>) for available projects. These are full PhD projects, rather than short summer projects, but they will give you an idea of the current research in the Department. Please choose three or four Oxford Materials research groups and topics in which you would be interested in carrying out a summer project, list them in order of preference, and write your statement in reference to those projects. *Note that applicants to Oxford must be available July 4 to September 10.* **Applicants to Trinity College Dublin:** you may be contacted to revise your statement once specific projects are announced. **Applicants to all other sites:** specific projects will not be announced prior to acceptance. Please refer to the posted websites for an idea of the available research topics at those sites.

### 3. A copy of your unofficial transcript

**4. A letter of recommendation** from a research supervisor, course instructor, TA, or employer who is familiar with your scientific skills. Please ask your recommender to send the letter directly to Dr. Dorothy Pak ([pak@mrl.ucsb.edu](mailto:pak@mrl.ucsb.edu)).

### 5. Your resume

*All items may be sent by email (preferable). Acceptable file formats for attachments are Microsoft Word and Adobe Acrobat (PDF). Unofficial transcripts can be scanned in and converted to PDF file format, or downloaded from online grade reporting systems.*

**PLEASE PUT YOUR LAST NAME IN THE FILE NAME OF ALL ATTACHMENTS**

**Application Deadline is February 12, 2017**

## Questions or Concerns about the CISEI program? Contact:

Dr. Dorothy Pak  
MRL Education Director  
University of California  
Santa Barbara, CA 93106  
[pak@mrl.ucsb.edu](mailto:pak@mrl.ucsb.edu)  
Fax: (805) 893-8797

**E-MAIL (OR POSTMARK) DEADLINE FOR LETTERS IS FEBRUARY 12, 2017**

Please ask recommenders to e-mail completed letters [pak@mrl.ucsb.edu](mailto:pak@mrl.ucsb.edu)

Please put the student's last name in the file name of all attachments. Alternatively, they may mail a hard copy to

Dr. Dorothy Pak, MRL, University of California, Santa Barbara, CA 93106-5121