

**Women & Minorities in Engineering Program Undergraduate Summer Research Program
Intel Undergraduate Scholar Internship Application**

PERSONAL INFORMATION

Name (First & Last) : _____ **OSU ID :** _____

Street : _____ **City :** _____ **State :** _____ **Zip Code :** _____

Phone # : _____ **E-Mail :** _____ **Gender :** _____

Are you a US Citizen or Permanent Resident?

Ethnic Background : African American Asian American / Pacific Islander Latina / Hispanic

Caucasian Native American / Alaskan Native Other : _____

ACADEMIC INFORMATION

Major : _____ **Year in College (Fall) :** _____ **Graduation Date :** _____

OSU Cumulative GPA : _____ **Last Term's GPA :** _____

Have you previously participated in an Undergraduate Research Program at OSU?

FACULTY SPONSOR INFORMATION

In order to qualify for the Undergraduate Research internship, Undergraduate students may work from 5-15 hours per week during fall, winter, and/or spring term(s). Research must be in the semi-conductor and information technology fields. Specific research topics are listed below.

Professor Name (First & Last) : _____ **E-Mail :** _____

Campus Address : _____ **Intel Research Topic Category (See List Below) :** _____

By signing this document, I agree to sponsor the undergraduate student listed above. **Professor Signature :** _____

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|---|--|
| (1) Analog, digital or RF design | (12) Semiconductor package design and test |
| (2) Micro architecture techniques (multi-core and multi-thread) | (13) VLSI-CMOS and semiconductor physics |
| (3) System Architecture (Hardware and Software) | (14) High Speed signal processing |
| (4) Human Computer Interface (Speech, Handwriting, Audio, Vision) | (15) High Speed low power design issues |
| (5) Wireless communication and networking | (16) Process and yield enhancement |
| (6) Visualization techniques | (17) Semiconductor tool design |
| (7) Compilers and run-time systems | (18) Mixed signal logic and circuit design |
| (8) Information and knowledge representation | (19) Lithography and dry etch research |
| (9) Distributed and pervasive computing | (20) Advanced thin films research |
| (10) Pervasive computing | (21) Optical modeling |
| (11) Electronic design automation and CAD Tools | (22) Multi and Many core programming |

Completed applications should be sent to:

Women and Minorities in Engineering
147 Batchellor Hall Corvallis OR 97331-2409
phone: 541-737-9699
email: Ellen.Momsen@oregonstate.edu

A completed application includes:

- Application Form
- Personal statement explaining why you are interested in participating in research as an undergraduate student.