



ELECTROSTATIC DISCHARGE ASSOCIATION

March 26th 2010

Dear ESD Researcher/Professor:

We are pleased to announce that this year the ESD Association Board of Directors has approved a competition for up to **two university research grants** in the field of ESD. The details are in the attached announcement.

We are specifically addressing this letter to you since you have been active in ESD education and ESD research. Therefore we personally invite you to submit a proposal.

Although we realize that the award money may not be a large sum for university graduate research work, we nevertheless feel that this is an important recognition by the ESDA Board on the value of university work. As mentioned in the details, the awarded sum may be used to subsidize any other research grant work but we expect an appropriate acknowledgement of the ESDA along with publication of the initial work at the ESD Symposium.

We look forward to your exciting proposals.

Thank you.

Yours Truly,

Drs. Charvaka Duvvury & Kathleen Muhonen
ESD Association Academic Outreach

2010 ESDA University Research Grants

The ESD Association Board of Directors is pleased to announce the competition for up to two separate research grants for 2010-2011. The details are given below.

Who Should Apply?

Any academic professor or researcher who may wish to conduct exploratory work in the field of ESD.

Which Research Topics?

The grants will be considered in two distinct areas of research proposals:

- Device & Design/System Effects & Design
- Factory Control/Materials Development/Testing Methods

What is the Grant Value?

Each research grant would be \$10,000 U.S. for a one-year subsidy of any advanced research work in ESD. The grant money could be used in conjunction with any other sponsored research grant for ESD work.

When is the Grant Period?

The winner will be announced during October 2010. The research work period is between October 31st 2010 and September 30th 2011.

What is Expected?

The outcome of the research should advance the fundamental understanding of ESD knowledge. The work could be any field of ESD including device/design, system protection, materials, test methods, or factory control methods.

What are the Restrictions?

The granted money should be solely used for ESD research. The researchers are required to first publish the outcome of the work at the ESD Symposium before submitting to any professional journal. Only one proposal per investigator allowed.

How is the Application made?

The process is simple. Send an email to info@esda.org indicating that you are applying for the Research Grant. A clear outline of the title, purpose, approach, and the expected outcome of the work must be included. Normally the application is expected to include a 500 word summary on how the proposed work would advance the understanding of ESD. The summary should indicate how the research relates to the ESD Technology Roadmap (please visit: www.esda.org).

When is the Deadline for Application?

All applications must be received by July 15th 2010 to be considered. Please send the proposals to the ESD Association.

Research Proposal Summary: Example Format

Principal Researcher(s):

{Name of Professor}

Affiliation:

{Name of University or Research Institute}

Proposal Title:

{A short descriptive title}

Abstract: (50-word abstract is optional)

{Summarizing the essence of the work}

Background:

{Background to the problem being addressed}

Purpose:

{Motivation for the work and the intended purpose}

{What will this work accomplish?}

Approach:

{Research proposal steps}

{Experiments or simulations to be done}

{Type of data to be collected}

Expected outcome:

{What will the results prove?}

{How will these fill a gap in ESD understanding?}

{How may these lead to further work or establish new ideas?}

{How will these help the ESD Roadmap?}

Please limit the proposal to a maximum of 3 pages. Thank you.