



NEWS RELEASE

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Contact:
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Forging Industry Educational and Research Foundation Awards Scholarships, Fellowships and Grants

Cleveland, Ohio -- The Forging Industry Educational and Research Foundation (FIERF) Board of Trustees has awarded over \$180,000 for undergraduate scholarships, graduate fellowships and industry research projects for the coming year.

Scholarships

Fourteen \$4000 Finkl Scholarships have been given to university electrical, industrial, materials, mechanical and metallurgy engineering students enrolling in their junior year this fall. The program continues to support seventeen students entering their senior years with an additional \$2000 per person.

The scholarships are named in memory of Charles W. Finkl's years of commitment and contributions to education and the forging industry that included over twenty-five years of service on the FIERF Board of Trustees, twice serving as president.

Scholarships were awarded to:

Vejas I. Belzinskas, Case Western Reserve University
Richard F. Bozak, Cleveland State University
Patrick A. Coleman, Youngstown State University
Andrew J. Cotherman, Penn State
Fallon K. Donohoue, Colorado School of Mines
Peter C. Eliassen, Colorado School of Mines
Andrew J. Emig, Youngstown State University
Michael F. Krug, Michigan Tech
Melody R. Lin, Georgia Institute of Technology
Gabriel M. Manzo, University of Akron
Jacob R. Obradovich, Kettering University
Steven C. Roy Jr., Rensselaer Polytechnic Institute
Alex D. Stibich, Case Western Reserve University
Ryan A. Ward, Colorado School of Mines

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Fellowships

The Foundation has awarded the following \$10,000 Graduate Fellowships:

- “Design of Robust Temperature Specifications for Billet Induction Heating” at Pennsylvania State University;
- “Effect of Nickel Content on Thermal Processing and Grain Growth Characteristics of 4330 Alloys” at Illinois Institute of Technology; and
- “Forging Process Monitoring and Control through Feature Extraction of Tonnage Signals” at the University of Michigan, Ann Arbor

Research Grants

Grants totaling \$92,000 will support industry research in the following areas:

- 3-D Temperature Control of Natural Gas Fired Forging Heat Treat Furnace;
- Advanced Die Materials and Lubrication Systems to Reduce Die Wear in Hot and Warm Forging; and
- Fatigue Performance Comparison and Life Prediction of Forged Steel and Ductile Cast Iron Crankshafts.

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Established in 1961, Forging Industry Educational and Research Foundation (FIERF) is a 501(c)(3) tax-exempt organization. Operating as a supporting organization to the Forging Industry Association, the Foundation's goal is to promote formal education and scientific research in the technologies related to the forging industry.

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