



Tuesday, April 9, 2002

First student research scholars announced

Twelve Oakland University students recently were selected as the first recipients of Oakland's newest undergraduate research award, the University Student Research Scholar Award.

"This program introduces our exceptional undergraduate students to the challenges and excitement of research by providing each with a \$1,000 award for their research project," said Interim Vice President for Academic Affairs and Provost Virinder K. Moudgil. "Since each project must have the endorsement of a faculty member, this program further develops one of Oakland's historic strengths: The ability of our talented faculty to teach through hands-on experience."

Undergraduate students in their junior and senior year receive preference, but exceptional proposals from all OU students are considered for the award.

The first recipients of the University Student Research Scholar Awards are Timothy Bruggeman (Rochester), Allen Comfort (Rochester), Pulak Ghosh (Auburn Hills), Charles Gross (Auburn Hills), Yelena Isayenko (Royal Oak), Nick Jacobson (Troy), Ashley McGhee (Auburn Hills), Meredith Nusbaum (Lake Orion), Louis Rawlins (Waterford), Matt Rizzo (Rochester Hills), Julia Schroeder (Kansas City, Missouri) and Tara Terry (Shelby Township).

These student research scholars must work on **their projects** for at least one semester and submit a final research report within one year. The final report deadline for this award cycle is May 2003.

Timothy Bruggeman

Bruggeman's research proposal is titled "Isolation and Characterization of Putatively Detoxifying Plasmids from Pseudomonas sp. 50432." His mentor is professor Rasul Chaudhry from the Department of Biological Sciences.

Allen Comfort

Comfort's research proposal is titled "Characterization of Heavy-Duty Diesel Engine Frictional Properties Affecting Fuel Efficiency." His mentor is professor Gary Barber from the School of Engineering and Computer Science.

Pulak Ghosh

Ghosh's research proposal is titled "A Bayesian Approach to Bioequivalence." His mentor is professor Ravindra Khattree from the Department of Mathematics and Statistics.

Charles Gross

Gross' research proposal is titled "Russian Icon Exhibit." His mentor is professor Tamara Machmut-Jhash from the Department of Art and Art History.

Yelena Isayenko

Isayenko's research proposal is titled "Design and Synthesis of Multicyclic Modified Nucleosides as Potential Antiviral Drugs." Her mentor is professor Roman Dembinski from the Department of Chemistry.

Nick Jacobson

Jacobson's research proposal is titled "Monte Carlo Simulations of Van der Waals Clusters with Many-Body Potentials." His mentors are professors Maria Bryant and Mark Severson from the Department of Chemistry.

Ashley McGhee

McGhee's research proposal is titled "An Analysis of a Third Wave Feminist Music Subculture and the Redefinition of Femininity." Her mentor is Jo Reger from the Department of Sociology and Anthropology.

Meredith Nusbaum

Nusbaum's research proposal is titled "A DNA Vaccine for Trypanosoma Cruzi which Expresses Two Distinct Antigens." Her mentor is professor Gabrielle Stryker from the Department of Biological Sciences. **Louis Rawlins** Rawlins' research proposal is titled "Conversation Piece." His mentor is professor Andrea Eis from the Department of Art and Art History.

Matt Rizzo

Rizzo's research proposal is titled "Design and Construction of an Intelligent Ground Vehicle." His mentor is professor Ka C. Cheok from the School of Engineering and Computer Science.

Julia Schroeder

Schroeder's research proposal is titled "The Glass Stereographs of Ferrier, Soulier & Levy." Her mentor is professor John Cameron from the Department of Art and Art History.

Tara Terry

Terry's research proposal is titled "Derivatives of Matrix Functions." Her mentor is professor Serge Kruk from the Department of Mathematics and Statistics.

SUMMARY

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