William J. Brown Farrell

cum laude, B.S., **Bectrical Engineering**. Golden Key Honor Society

Oliver J. Fleshman \*\*

B.S., Mechanical Engineering

Megayla Yvonne Franks \*

B.S., Mechanical Engineering

James Steven Frost

B.S., Mining Engineering

Robbin Garber-Slaght \*\*

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Ethan Graetz

B.S., Civil Engineering

Brennon W. Haag \*\*

B.S., Mechanical Engineering

James Hansen

B.S., Civil Engineering

Jacob Edward Horazdovsky \*\*

B.S., Civil Engineering. Student Leadership Honors

Wyatt Hurlbut

B.S., Mechanical Engineering: Aerospace Emphasis

Jonathan Hutchinson

B.S., Civil Engineering

Trevor Thomas Hyatt

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Kasper Kowalewski

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Erik Ivan Leman \*\*

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Maria Medvedeva

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Tessa Dee Cecelia Miller

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Peter Morris

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David Aaron Morse

B.S., Civil Engineering

Adria Neitzer \*\*

B.S., Petroleum Engineering

Mark Nelson

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Chad David Odom

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Dominic Orr

B.S., Mining Engineering

Donald R. Pitts \*\*

B.S., Civil Engineering. Student Leadership Honors

**Timothy Charles Porritt** 

B.S., Mechanical Engineering

Kristopher A. Reed

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William J. P. Robinson

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James Rutter

B.S., Mechanical Engineering

Mark Sams

B.S., Civil Engineering

Adam Saunders

B.S., Electrical Engineering: Communications

Vincent Lynn Shen

B.S., Mechanical Engineering: Aerospace Emphasis

David Song

B.S., Mechanical Engineering

Matthew N. Van Atta

B.S., Mechanical Engineering. Honors Program

Alec Mikhail Venechuk

B.S., Geological Engineering

## Zhenhua Rui

M.S., Petroleum Engineering. B.S., Nanjing Normal University (People's Republic of China), 2004. M.S., China University of Petroleum, 2006

Bhaskar C. Sahoo \*\*

process and freezing front development in sand and silt samples were observed using computerized ultrasonic tomography in the laboratory and comparably simulated using comprehensive numerical finite element method.

Major Professor: Dr. Gang Chen

Srivathsan Ragunathan \*\*

B.E., Bharathidasan University (India), 2000. M.S., University of Alaska Fairbanks, 2003

Thesis: Numerical Simulation of Single Phase and Boiling Microjet Impingement

This thesis presents simulation results of laminar, confined single-phase and boiling microjet impingement. The single phase impingement studies show a strong dependence of the heat transfer on the recirculation patterns while the boiling jets show a strong dependence of the heat transfer on the inlet subcooling of the jet.

Major Professor: Dr. Douglas J. Goering