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Iowa State University. Honors Program.

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	/ Honors Program., Iowa State University. Honors Program., and
University of Iowa. Honors Program.	

Research in the Capitol

March 5, 2007

Poster Display 10:00 a.m. – 2:00 p.m.

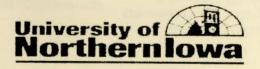
Remarks 10:30 a.m. – 10:45 a.m.

MICHAEL GART VER
President, Board of Regents, State of Iowa

RICHARD HICH WA
Associate Vice President for Research
University of Iowa

JOEL HAACK
Dean of the College of Natural Sciences,
University of Northern Iowa

JOHN BRIGHTON
Vice President for Research and Economic Development,
Iowa State University





IOWA STATE UNIVERSITY

OF SCIENCE AND TECHNOLOGY

20-Alexandra Frost, Cedar Falls, Iowa University of Northern Iowa

Descriptive epidemiology of injuries and illness :s at a university wellness and recreation center: 1987 to 2005

Athletic Training

Mentor: Thomas Dompier

frosty@uni.edu

21-Adam Heiniger, Oakville, Iowa

University of Iowa

Modelling the slowing of light by quantum wells

Physics, Mathematics Mentor: John Prinea adam-heiniger@uiowa.edu

22-Laura Hirschey, Medford, New Jersey

University of Iowa

Iowa Honors Wind Quintet

Music

Mentor: Benjamin Coelho laura-hirschey@uiowa.edu

23-Sarah Huffer, Austin, Minnesota

University of Northern Iowa

Meeting the needs of adolescent females in phys cal

education

Physical Education

Mentor: Cynthia Herndon

huff35@uni.edu

24-Jon Humston, Iowa City, Iowa

University of Northern Iowa

The role social factors play in undergraduate

research experiences **Chemistry Teaching**

Mentor: Dawn Del Carlo

jonhum@uni.edu

25-Courtney Ihde, Farmersburg, Iowa

University of Northern Iowa

Thomas Jefferson's biographers: Historiograph

and Sally Hemings

History

Mentor: John Johnson

cihde@uni.edu

26-Haley Kemp, Bloomington, Illinois

University of Iowa

Same-different learning in humans and pigeons

Psychology

Mentor: Edward Wasserman halev-kemp@ujowa.edu

27-Michael Loux, Sac City, Iowa

University of Northern Iowa

Quartz grain surface textures as indicators of infilling processes and depositional environments associated with

ice-wedge casts in northeast Iowa

Applied Mathematics Mentor: James Walters

mloux@uni.edu

28-Jessica Maves, Iowa City, Iowa

Iowa State University

The radicalization of Muslims in the United Kingdom

Political Science, International Studies

Mentor: Jeffrey Schroeder jamaves@iastate.edu

29-Matthew Morrill, Des Moines, Iowa

Iowa State University

Snake habitat use in an Iowan wetland community

Zoology

Mentors: Anne Bronikowski, Eugenia Farrar

angmar@iastate.edu

30-John Morrison, Iowa City, Iowa

University of Iowa

Dynamic quantification of cell motility in the scratch

wound healing assay **Biomedical Engineering**

Mentor: Michael Mackey john-morrison@uiowa.edu

31-Latisha Myers, Ames, Iowa

University of Iowa

Responses of children with attention deficit hyperactivity

disorder (ADHD) to a medical procedure

Mentor: Ann Marie McCarthy

latisha-myers@uiowa.edu

32-Tom Niblock, Nevada, Iowa
University of Iowa
The impact of HIV/AIDS in Africa on labor
productivity and income levels
Economics, Religious Studies
Mentor: Beth Ingram
thomas-niblock@uiowa.edu

33-Scott Nichols, Clive, Iowa
University of Iowa
Using gal Escherichia coli to understand increased virulence of "smooth" bacteria
Biochemistry
Mentor: Theresa Gioannini
scott-nichols@uiowa.edu

34-Sarah Nichols, Grand Mound, Iowa
University of Northern Iowa
Foreign devil, devil incarnate: Demonizing the other
in medieval Europe
Art: History Emphasis
Mentor: Charles Adelman
muses9@uni.edu

35-Chad Niederhuth, Stockport, Iowa
Iowa State University
Subcellular targeting of Agrobacterium tumefaciens
T-DNA in the plant cell
Agronomy
Mentors: Kan Wang, Francois Tourney
chadn@iastate.edu

36-Angela Ott, Clear Lake, Iowa
University of Northern Iowa
Jezyk: Attitudes towards language in Poland
Anthropology
Mentor: Cyndi Dunn
aott@uni.edu

37-Kevin Owens, Cedar Rapids, Iowa
University of Iowa
Perceived discrimination among single-race and biracial adults
Sociology, Economics
Mentor: Mary Campbell
kevin-owens@uiowa.edu

38-Joshua Parcel, Washta, Iowa
Iowa State University
The effectiveness of conservations practices on
water quality: a state-level analysis at the
watershed scale
Accounting, Economics
Mentor: Hongli Hennessy
joshp@iastate.edu

39-Mike Park, Pusan, South Korea University of Iowa Best schools for athletes Sociology, Health and Sport Studies Mentor: Christopher Kelley christopher-p-kelley@uiowa.edu

40-Lori Pedersen, Bettendorf, Iowa University of Northern Iowa Who is an American? Social Work Mentor: Laura Praglin pedersel@uni.edu

41-Alicia Persaud, Amana, Iowa
University of Iowa
In the name of the nation: Contextualizing the
Narmada Valley Development Project: Gandhi,
Nehru and contradictory nationalisms
Anthropology, Women's Studies
Mentors: Rudi Colloredo-Mansfeld,
Meena Khandelwal
alicia-persuad@uiowa.edu

42-Michael Petrie, Dixon, Illinois
University of Iowa
Real-time degradation-based prognostic
methodology for improving reliability and
maintenance logistics
Biomedical Engineering
Mentor: Geb Thomas
michael-petrie@uiowa.edu

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