

3-5-2007

Research in the Capitol [Program], March 5, 2007

University of Northern Iowa. University Honors Program.

Iowa State University. Honors Program.

See next page for additional authors

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Authors

University of Northern Iowa. University 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.

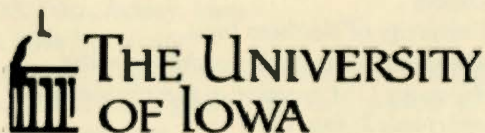
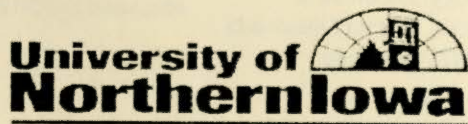
Remarks
10:30 a.m. – 10:45 a.m.

MICHAEL GARTNER
President, Board of Regents, State of Iowa

RICHARD HICHA
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 illnesses 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 physical 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: Historiography 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
haley-kemp@uiowa.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 galE 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
Język: 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

**IOWA REGENTS' UNIVERSITIES
HONORS PROGRAM CONTACTS:**

ROBERT KIRBY

Director

Iowa Center for Research by Undergraduates

Associate Director

University Honors Program

The University of Iowa

443 Blank Honors Center

Iowa City, IA 52242-0454

Phone: 319.335.1684

FAX: 319.335.0549

robert-kirby@uiowa.edu

LAURA MERRICK

Assistant Director

Undergraduate Research and Scholarship

University Honors Program

Iowa State University

2130 Jischke Honors Building

Ames, IA 50011-1150

Phone: 515.294.0172

FAX: 515.294.2970

lmerrick@iastate.edu

JESSICA MOON

Director

University Honors Program

University of Northern Iowa

2401 College St.

Cedar Falls, IA 50614-0355

Phone: 319.273.3175

FAX: 319.273.4319

jessica.moon@uni.edu