Dr. Galen Schneider Awarded NIH R21 Grant

Dr. Galen Schneider, Department of Prosthodontics and Dows Institute for Dental Research, has been awarded a $405,625 NIH R21 grant for his work titled “Does FAK Mediate Implant Surface Microtopography Effects on Osteoblast Differentiation and Motility?”

This project will investigate how implant surfaces influence molecular pathways of osteoblast differentiation during osseointegration. The significance of this work is that it would yield insight into how osseous tissues may be engineered in a controlled and predictable manner with respect to conductive and inductive effects of the biomaterial surface by alteration of the implant surface microtopography. This would allow for a controlled, localized, site specific tissue engineering approach in association with dental implant therapy.

Dr. Schneider, principal investigator, and Dows research assistants, Rebecca Zaharias and Denise Seabold, will be involved with the two-year grant project.
Recent Publications

Emergency Ride Home Program
Parking and Transportation’s Commuter Programs announce their new Emergency Ride Home Program (ERH). Faculty and staff who participate in a qualifying ridesharing program now have another option for getting home if an emergency happens.
Faculty and staff who are enrolled in the Employee Van Pool, TRIP, or Employee Bus Pass programs qualify for ERH, which provides a ride home via a cab when an emergency or illness arises. Participants can take a taxi home and be reimbursed for the cost of the ride. ERH can be used up to three times per year and not to exceed a cumulative total of $100 in reimbursements.
The Parking & Transportation Department also supports the Employee Van Pool, TRIP, and Employee Bus Pass programs, and the Carpool Matching Service and bicycling. Over 2,000 UI employees participate in our programs. For additional information, go to www.uiowa.edu/~parking or telephone 353-5770 or email commuter-programs@uiowa.edu.

52nd Annual Session (cont. from page 2)
Procter and Gamble Poster Presentation Award — Predoctoral Award
1st place: Matthew Miller (D2). “Collagen gels enhance preosteoblast cell attachment and mineralization.” Mentor: Dr. Galen Schneider, Prosthodontics and Dows. Co-authors: Rebecca Zahrarias, Denise Seabold, John Laffoon and Dr. Clark Stanford, Prosthodontics and Dows.

2nd place: Meggan Hovick Wehmeyer (D2). “Key SNP in novel beta-defensin demonstrates importance of gene characterization.” Mentor: Dr. Janet Guthmiller, Periodontics and Dows. Co-author: Dr. Sophie Joly.

3rd place: Chris Hansen (D1). “Neuropeptides induce cytokine expression in human gingival oral keratinocytes.” Mentor: Dr. Kim Brogden, Periodontics and Dows. Co-authors: Jeff Librant, K. Burnell, Dr. Sophie Joly, and Dr. Janet Guthmiller, Periodontics and Dows.

Max Smith Oral Presentation — Predoctoral Awards

and


Max Smith Oral Presentation — Postdoctoral Awards

FILLING STATION MENU
February 21-25, 2005

Monday: Soup: Chicken & Vegetable
DELI MEAT: Ham
Tuscan Chicken w/Rice & Vegetable
Pork Tender Loin Sandwich w/Chips
Potatoes/Gravy
Malibu Vegetables

Tuesday: Soup: Creamy Broccoli & Cheddar
DELI MEAT: Roast Beef
Chicken Cordon Bleu w/Rice
Fish Sandwich w/Cheese and Chips
Potatoes/Gravy
Mediterranean Vegetables

Wednesday: Soup: Road House Chili
DELI MEAT: Turkey
Philly Beef Steak Sandwich w/Cheese & Chips
Italian Braised Pork w/Rice
Potatoes/Gravy
Catalina Blend Vegetables

Thursday: Soup: Italian Wedding Style
DELI MEAT: Salami
BBQ Chicken Sandwich & Chips
Spaghetti & Meatballs
Potatoes/Gravy
California Blend Vegetables

Friday: Soup: Clam Chowder
DELI MEAT: Pastrami
Chicken Enchiladas
Grilled Chicken Sandwich w/Chips
Potatoes/Gravy
Antigua Blend Vegetables

A copy of the menu can be found on IntraDent:
http://www.dentistry.uiowa.edu
CALL FOR HEALTH RESEARCH ABSTRACTS FROM STUDENTS

for presentation at the

U of IOWA INTERDISCIPLINARY HEALTH GROUP
7th STUDENT INTERDISCIPLINARY HEALTH RESEARCH POSTER SESSION

Date: February 2005
To: Undergraduate Students, Graduate Students, Post-docs, and Fellows
From: Interdisciplinary Health Group (IHG) Student Poster Session Committee
Re: 7th Annual Student Interdisciplinary Health Research Poster Session

You are invited to submit a research abstract for the 7th Annual Student Interdisciplinary Health Poster Session. The University of Iowa Interdisciplinary Health Group sponsors this poster session to give all University of Iowa students an opportunity to present health-related research and to encourage students to interact with researchers from areas other than their respective disciplines. The poster session will be held on Thursday, April 21, 2005 from 11 pm-1:30 am in the First Floor Atrium, Eckstein Medical Research Building (EMRB). Presenters should set up their posters between 9:30 and 10:45 am, and should be available to answer questions concerning their research from 11 am to 1 pm.

Eight awards of $100 each will be presented. The awards are courtesy of the Office of the Associate Provost for Health, the Public Policy Center and from the Women in Science and Engineering (WISE) Program. Judging will occur between 11:30 am and 1 pm.

Abstracts and posters MAY BE presented even if they have been or will be used for other presentations.

Please follow these guidelines in submission of abstracts:

- Word Count: 300 words or less
- Font: 12 point
- Format:
  - Title of research
  - Author(s)' name(s), departmental or college affiliation, student educational level (i.e., undergraduate, masters, PhD, post-doc/fellow, professional)
  - Description of project including: purpose, design, results, conclusions including relevance to clinical problem or policy application.
  - Presenter’s e-mail address/campus address/phone number

Selection of abstracts for poster presentation will be based on quality and potential for, or actual relevance to clinical and/or policy issues.

Please e-mail your abstract to kathy-holeton@uiowa.edu or submit it via campus mail to Kathy Holeton, Public Policy Center, 227 South Quad by Friday, April 1, 2005. Persons submitting abstracts will be notified by e-mail regarding acceptance by April 11, 2004. For further information or to ask questions, contact: kathy-holeton@uiowa.edu