

**Student Research Group (SRG) Newsletter**  
**Annual Edition September 2010**

**Your Officers**

- Officers for 2009-2010 were: Deborah Dietrich D3 (President), Jordan Poss D3 (Vice President), Karla Thole D4 (Secretary), Noemi Cruz-Orcutt D3 (Treasurer), Will McBride D4 (D4 Representative), Lindsey Pingel D4 (D4 Representative), Jessica Flanigan D3 (D3 Representative), Karl Kohlgraf D2 (D2 Representative), Sandra Imoehl D2 (D2 Representative), Joe Kelly D1 (D1 Representative).
- New officers for 2010-2011 are: Karl Kohlgraf D3 (President), Sandy Imoehl D3 (Vice President), Stephanie Dorn D3 (Treasurer), Katie Motz D3 (Secretary), Deborah Dietrich D4 (D4 Representative), Julie Coyne D3 (D3 Representative), Joe Kelly D2 (D2 Representative).
- Faculty Advisor, Student Research Group: **Dr. Teresa Marshall**
- Director, Student Research Program: **Dr. John Warren**
- Assistant Director, Student Research Program: **Dr. Teresa Marshall**
- Program Assistant, Student Research Program: **Sara Anstoetter**

**National Student Research Group Officers (NSRG)**

**Kelly Huston D3**, Member-at-Large, 2010-2011

**Dr. John Warren**, NSRG faculty advisor

**Election of Officers & Mentor Appreciation Luncheon**

The Student Research Group held their annual election of officers at a noon time luncheon meeting on May 17, 2010. The Student Research Group took this opportunity to honor and thank the faculty mentors who have worked so selflessly in the past year. "Mentor of the Year" award was presented to Dr. Kim Brogden.

**Students on the Go...**

1. **Matt Drescher (D2)** attended the Hinman Student Research Conference October 30-November 1, 2009 at the University of Tennessee, Memphis, TN. This is a great meeting! One student from each dental school in the country attends with all costs paid by the sponsoring organization. Abstracts for this meeting are due in August. Students and mentors keep this in mind for next year! The selected student to attend the 2010 conference is **Katie Motz D3**.
2. **Kelly Huston (D3)** attended the 46<sup>th</sup> annual American Dental Association Dental Students' Conference on Research held at the Gaithersburg Marriott Washingtonian Center, May 2-4, 2010. The U of Iowa College of Dentistry sends one student every year to this educational meeting. The goal of this conference is to introduce outstanding dental students to scientists from the ADA, industry, NIDCR, and the ADAF Paffenbarger Research Center to raise their awareness of the wide-ranging careers available in oral health research. Information is sent to all student researchers announcing the opportunity in January of each year. Take advantage of your opportunities.
3. The **57<sup>th</sup> Annual Meeting of the Iowa Section of the American Association of Dental Research** was held February 9, 2010 with 37 predoctoral student research presentations. Thank you for your participation. **All students** be prepared to submit an abstract January 7, 2011 for presentation next year. Meeting date will be February 15, 2011. Excellent experience for the national meeting!!!
4. 31 Pre-Doctoral students presented papers at the IADR/AADR meeting in Washington D.C., March 3-7, 2010. Congrats to: **D1: B. Smith; D2's: A. Ackerman, A. Brasser, J. Coyne, S. Dorn, M. Drescher, J. Grobe, C. Huber, k. Huston, S. Imoehl, C. Jones, B. Jorgensen, D. Meier, K. Motz, J. Rogers, C. Senger; D3's: B. Anderson, L. Christensen, L. Cosper, N. Cruz-Orcutt, D. Dietrich, M. Fischer, J. Flanigan, M. Gibbs, C. Gleich, J. Goodson, J. Poss; D4's: S. Bower, D. Choi, J. Hoopes, A. Williams, M. Sorensen.**
5. **Kevin Dow (D3) & Jane Vu (D3)** presented their abstracts at the ADEA meeting in Washington D.C., February 27-March 3.
6. **Karla Thole-Bechtold (D4)** presented at the General Session & Exhibition of the IADR, held July 14-17, 2010, Barcelona, Spain.
7. **Ryan Walsh (D3) & Julie Reynolds (D3)** presented their table clinics at the Iowa Dental Association Annual Session at the Coralville Marriott Hotel, May 1, 2010.
8. **Karl Kohlgraf (D2)** presented his research at the Midwest Student Biomedical Research Forum at the university of Nebraska Medical Center, February 20, 2010.
9. **Asana Mohamad (D4)** presented her abstract at the National Oral Health Conference in St. Louis, MO, April 26-28, 2010.
10. **Kristy Gratz (D3) & Noemi Cruz-Orcutt (D3)** presented her abstract at the 17<sup>th</sup> Annual Hispanic Dental Association Meeting in Houston, TX, October 22-24, 2009.
11. **Heidi Krug (D3)** presented her abstract at the AAPD Annual Session in Chicago, IL, May 27-30, 2010.
12. **David Thuet (D4) presented his abstract at the AAE Annual Session in San Diego, CA, April 13-17, 2010.**
13. The University of Iowa, College of Dentistry hosted the 2010 Midwest Regional Student Research Conference, April 10, 2010. Students from University of Missouri- Kansas City, University of Minnesota, University of Illinois- Chicago, University of Colorado, University of Manitoba, and the University of Iowa presented 48 poster and oral presentations. Dr. Clark Stanford was the guest speaker. The research day was concluded with a banquet and dinner at the 126 restaurant in Iowa City. The **2010 Midwest Regional Dental Student Research Conference** will be hosted by the University of Minnesota. Usual activities at the Midwest Regional include a banquet, poster presentations, oral presentations by students, luncheon and short business meeting, and a tour of the host dental school. The Conference is generally held in March or April of each year. More information about abstract submission and specific dates will be relayed as soon as it becomes available.

## Individual Accomplishments

1. **D4's: Scott Bower, Diana Choi, Whitney Dunn, William McBride, Sarah Murrell, Lindsey Pingel, Maegan (Johnson) Scott, Mark Sorensen, Karla Thole-Bechtold, Aaron Williams**, recipients of the 2010 Senior Research Achievement Award.
2. **Matthew Drescher (D2)**, won 1<sup>st</sup> place, predoctoral Max Smith Award at the March 2010 Iowa Section for the AADR meeting.
3. **Sandra Imoehl (D2)**, 2<sup>nd</sup> place, Max Smith Oral Presentation Pre-Doctoral Competition, AADR Iowa Section 2010.
4. **Andrew Brasser (D2)**, 3<sup>rd</sup> place, Max Smith Oral Presentation Pre-Doctoral Competition, AADR Iowa Section 2010.
5. **Abbey Ackermann (D2)**, 1<sup>st</sup> place award, Dentsply Table Clinic Competition, predoctoral division, AADR Iowa Section 2010 and will be presenting at the ADA national meeting in the fall 2010 in Orlando.
6. **Ryan Walsh (D3)**, 2<sup>nd</sup> place, Dentsply Table Clinic Competition, predoctoral division, AADR Iowa Section 2010.
7. **Jessica Flanigan (D3)**, 3<sup>rd</sup> place, Dentsply Table Clinic Competition, predoctoral division, AADR Iowa Section 2010.
8. **Mark Sorensen (D4)**, 1<sup>st</sup> place in the predoctoral division in the Iowa Society of Periodontology Topic Award, AADR Iowa Section 2010.
9. **Brian Smith (D1)**, 1<sup>st</sup> place, predoctoral division in the Procter and Gamble Poster Presentation Award at the AADR Iowa Section 2010.
10. **Julie Coyne (D2)**, 2<sup>nd</sup> place, predoctoral division in the Procter and Gamble Poster Presentation Award at the AADR Iowa Section 2010.
11. **Katherine Motz (D2)**, 3<sup>rd</sup> place, predoctoral division in the Procter and Gamble Poster Presentation Award at the AADR Iowa Section 2010.
12. **David Meier (D2)**, 4<sup>th</sup> place, predoctoral division in the Procter and Gamble Poster Presentation Award at the AADR Iowa Section 2010.
13. **Deborah Dietrich (D3)**, 5<sup>th</sup> place, predoctoral division in the Procter and Gamble Poster Presentation Award at the AADR Iowa Section 2010.
14. **Aaron Williams (D4)**, 1<sup>st</sup> Place, Orthodontic Specialty Award, AADR Iowa Section 2010
15. **Karla Thole (D4)**, 1<sup>st</sup> Place, Family Dentistry Specialty Award, AADR Iowa Section 2010.
16. **Karl Kohlgraf (D2)**, 1<sup>st</sup> Place, Max Smith Oral Presentation Graduate Competition, AADR Iowa Section 2010.
17. **Julie Reynolds (D3)** won the 2010 IDA Honor Clinic Award
18. **Julie Coyne (D2)**, finalist in the 2010 Dentsply/Caulk Competition, AADR, Washington DC, 2010
19. **Karl Kohlgraf (D2)**, 2<sup>nd</sup> Place Award, 41<sup>st</sup> Midwest Student Biomedical Research Forum 2010
20. **Matthew Drescher (D2)**, Most outstanding research award in basic science during the 15<sup>th</sup> annual Hinman Student Research Symposium 2009.
21. **Kirsty Gratz (D3)**, winner of the 2009 Arturo Santiago Scientific Research Competition, Annual Meeting of the Hispanic Dental Association, 2009.
22. **The following Published Articles:**

**Kohlgraf KG, Ackermann A**, Lu X, Burnell K, Bélanger M, Cavanaugh JE, Xie H, Progulsk-Fox A, and Brogden KA Defensins attenuate cytokine responses yet enhance antibody responses to *Porphyromonas gingivalis* adhesins in mice. *Future Microbiol.* 2010;5:115-125.

**Kohlgraf KG, Pingel LC, Dietrich DE**, and Brogden KA. Defensins as anti-inflammatory compounds and mucosal adjuvants. *Future Microbiol.* 2010;5:99-113.

**Murrell S**, Marshall TA, Moynihan PJ, Qian F, Wefel JS. Comparison of in vitro erosion potentials between beverages available in the United Kingdom and the United States. 2010 Apr;38(4):284-9. Epub 2009 Dec 3.

**Thole K, Chalmers J, Ettinger RL, Warren J**. Iowa intermediate care facilities: an evaluation of care providers' attitudes toward oral hygiene care. *Spec Care Dentist.* 2010 May;30(3):99-105.

## Message from the National SRG Member-at-Large, Kelly Huston:

- Please submit your abstract by October 1<sup>st</sup> and join us at the annual AADR meeting in San Diego this March. If you are submitting an abstract you are strongly encouraged to consider submitting your abstract for the predoctoral Hatton & caulk Dentsply Research Competitions. A more complete list of awards may be found online at <http://www.iadr.org/i4a/pages/index.cfm?pageid=3548>.
- While in San Diego, get involved with the National Student Research Group at their scheduled meetings and many social events. Iowa has a great history of national representation in the NSRG, so ask how you can become an officer!
- The NSRG has their very own Facebook group "National Student Research Group." You are strongly encouraged to join the group, which will contain informational updates. You can also voice your concerns or comments about dental research to the board members.

## Important Dates:

October 1, 2010	Deadline to submit your AADR abstract electronically
December 10, 2010	AADR Presenter Notifications Emailed
January 7, 2011	Abstracts due for AADR IA section
January 14, 2011	Deadline for AADR Fellowship Applications
February 15, 2011	Iowa Research Day
March 15-19, 2011	AADR 40 <sup>th</sup> Annual Meeting, San Diego
April 1, 2011	Deadline for Student Research Proposals for the 2011-2012 year