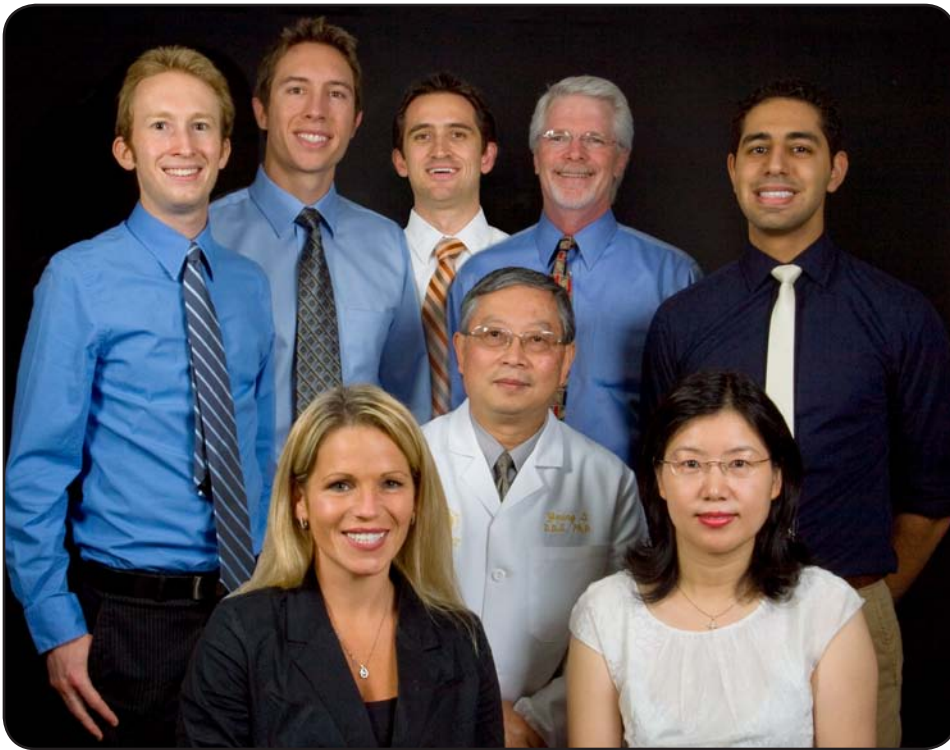


NEWSLETTER

National Student Research Group Loma Linda University School of Dentistry



LOMA LINDA UNIVERSITY
School of Dentistry



The goal of student research at Loma Linda University School of Dentistry is to help raise and maintain the quality of dental research and education by encouraging participation of dental, dental hygiene, graduate students, and dental school faculty in research to improve oral health care. In addition research study encourages critical thinking skills and fosters a better understanding of the scientific literature essential to the practice of evidence-based dentistry.

The Loma Linda Chapter for the National Student Research Group is proud to present this year's new officers and supportive faculty advisors. Michael Knutson, SD'11, president; Kirollos Zakhary, SD'11, vice-president of public relations; Michael Hiersche, SD'11, vice president of technology; Nicole Whitney, SD'13, secretary; and Dan Niemann, SD'12, D3 class research representative. These NSRG officers are working with faculty advisors Mei Lu, DDS, MS, PhD, associate professor, Department of Oral and Maxillofacial Surgery; Yiming Li, DDS, MSD, PhD, director, Center for Dental Research; and Ronald Dailey, PhD, executive associate dean for academic affairs, to improve the student research opportunities at LLUSD.

BENEFITS AND OPPORTUNITIES

Loma Linda's National Student Research Group (NSRG) of the American Association for Dental Research (AADR) is here to help facilitate student opportunities for research in areas of interest to the student. We do our best to help match faculty mentors with students who are interested in the same field. Active involvement in research is strongly encouraged at LLUSD, especially for those students planning on pursuing additional

training in a particular field post graduation. LLU's NSRG is here to help do this for you. Right now is the time to notify LLU's NSRG of an area of interest as we are promoting the formation of study clubs in various fields where we have been notified by students of their desire to learn more or get involved. Aside from study clubs, your LLU NSRG helps interested students gain many travel opportunities, promotes networking with others

from your school and other schools, and will facilitate research opportunities at a local, national, and international level. Please feel free to contact any one of your Loma Linda University

School of Dentistry Chapter representatives and check out our website for more information.

STUDENT PROFILE: MICHAEL HIERSCHE

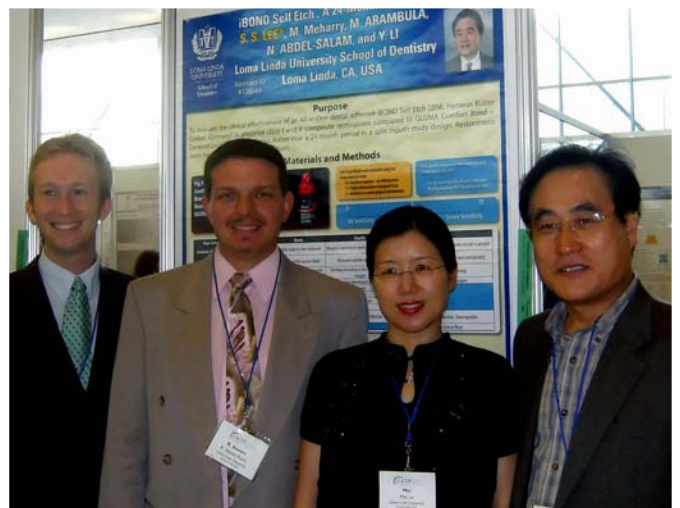


Michael Hiersche
Class of 2011

This past July, I had an opportunity to attend the International Association of Dental Research (IADR) General Session in Barcelona, Spain as a student researcher. Every year, IADR sponsors an annual convention for dental researchers from all over the world to present the latest research in oral health science. As a fourth year dental student, I was honored by the invitation to represent my research group and conduct an oral presentation on the topic of "Electromechanical Luxation: An Application of Dynamic Loading in Tooth Extraction." The opportunity to present our research to other fellow researchers was a personally rewarding experience. Attending the General Session has inspired me to continue dental research and has helped me realize the importance of international collaboration

for increasing knowledge in the field of oral health science. During the event, I met individuals from many different countries and I was enlightened by the vast amount of quality research that is being conducted internationally every year. I feel very fortunate to have attended this international event and I would strongly

encourage any dental student interested in research to apply for the upcoming 2011 General Session in San Diego, California.



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STUDENT PROFILE: MICHAEL KNUTSON



Michael Knutson
Class of 2011

Upon beginning my third year at LLUSD I knew that I wanted to get involved in research in the area of Oral and Maxillofacial Surgery as that was, and still is, the field which most interested me. With faculty mentors Dr. Tanaka and Dr. Lu, as well as fellow classmates Scott Arceneaux and Filip Orban, I began working on an OMFS related project. After presenting a detailed

synopsis of our planned project to the school we were granted enough funding to ensure that our research could be effectively carried out. With our research complete I soon found myself in Gaithersburg Maryland at the American Dental Association's 46th Annual Dental Students' Conference on Research. While there I got to meet other dental students from all over the country who were also interested in research. We got to share ideas from different NSRG chapters across the country, present our current research projects, tour the Paffenbarger Research Center, and learn about ever present opportunities for research at the National Institute of Dental and Craniofacial Research (NIDCR).

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RESEARCH ACTIVITIES

LLUSD Research Day

Nine winning groups of dental students and three winning groups of dental hygiene were generated from LLUSD Research Day on March 18, 2010. Research categories included clinical, educational, and laboratory.

2010 CDA Convention

Loma Linda students won ten of the sixteen available awards—three first, three second and one third (and three honorable mentions)—at this year's CDA Table Clinic Competition on May 16, 2010.

PUBLICATIONS

PEER-REVIEWED PAPER

- J. Weaver, M. Lu, K McCloskey, E. Herndon, W. Tanaka, Digital Multimedia Instruction Enhances Teaching Oral and Maxillofacial CDA Journal Dec 2009: 37(12) 859-862

ABSTRACTS

- S. Arceneaux, M. Knutson, M. Lu, F. Orban, W. Tanaka. A digital instruction of techniques and principles of mucoperiosteal flaps. CDA Journal Sept 2010
- M. Hiersche, M. Lu, B. Chun, L. Chu, and A. Herford. Electromechanical luxation: an application of dynamic loading in tooth extraction. CDA Journal Sept 2010
- N. Marongiu, S. Seheult, J. Ask M. Lu and B. Krall. Gow-Gates Target Area and Maxillary Artery Anatomical Relationship. CDA Journal Sept 2009:37(9) 663

2010 ADA STUDENT RESEARCH CONFERENCE

- Michael Knutson represented Loma Linda University at the ADA 46th Annual Dental Students' Conference on Research in Gaithersburg, Maryland.

UPCOMING ACTIVITIES

1. 2010 Hinman Student Research Symposium
Dental students, will present their research at the University of Tennessee Health Science Center's national Hinman Symposium.
2. AADR/IADR Poster Presentations
Multiple students will be presenting their research in San Diego during March of 2011.
3. LLUSD Student Research Presentations
Dental students and dental hygiene students will present their research projects to faculty and fellow students at the end of March 2011 in the Centennial Complex.

MORE INFORMATION

If you have any questions or would like to become involved in any of the activities, you can find out more at our website. <https://lluonline llu.edu/webapps/portal/frameset.jsp>

We will continue to post updates and news about the Loma Linda University Chapter as well as any research opportunities for students. If you are interested in joining the Loma Linda chapter for AADR/NSRG, please feel free to contact Nicole Whitney, SD'13, at nmorris@llu.edu

If you are interested in participating in a state, national, or international research event you may contact Dr. Mei Lu at melu@llu.edu

We currently have

- Student Research Projects
- Faculty Research Projects
- Journal Clubs

Michael Knutson, Cont. from pg. 2

Because of this project and my interest in the field which I conducted research, I was able to travel to different places, present my research at multiple events, and meet many new people who share the same interests and goals as myself for research and education. I never expected to have these opportunities and in looking back I know that these doors opened because I chose a research project in an area that I was interested in. I highly encourage each student at Loma Linda University to get involved in a research, find an area that interests you, and then take the opportunities that come your way.

IMPORTANT DATES

March 16–19, 2011
AADR/IADR Student Research Group Competition, San Diego, CA.
October 1, 2010
Abstract submission deadline for IADR/AADR

May 12-14, 2011
CDA Table Clinic Competition in Anaheim, date TBD

March 25, 2011: Deadline to register for CDA Table Clinic Poster Presentations.

May 2011
ADA 47th Annual Dental Students' Conference on Research

March 2011: Deadline to register for ADA 47th Annual Dental Students' Conference

