

# SMDEP UPDATE

SEPTEMBER 2010

GREETINGS SMDEP ALUMNIIII

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## IT COULDN'T BE DONE

Somebody said that it  
couldn't be done,  
But he with a chuckle  
replied  
That "maybe it couldn't",  
but he would be  
one  
Who wouldn't say so till  
he'd tried.  
So he buckled right in  
with the trace of a grin  
On his face. If he worried  
he hid it.  
He started to sing as he  
tackled the thing  
That couldn't be done,  
and he did it.  
Somebody scoffed: "oh,  
you'll never do that;

At least no one has  
done it":  
But he took off his coat  
and took off his hat,  
And the first thing we  
knew he begun it.  
With a lift of his chin  
and a bit of a grin'  
Without any doubting or  
quiddit,  
He started to sing as he  
tackled the thing  
That couldn't be done,  
and he did it.  
There are thousands to  
tell you it cannot be  
done,  
There are thousands to  
prophesy failure;

There are thousands to  
point out to you one by  
one,  
The dangers that wait to  
assault you.  
But just buckle in with  
a bit of a grin,  
Just take off your coat  
and go to it;  
Just start to sing as you  
tackle the thing  
That "cannot be done,"  
and you'll do it.  
—Edgar Allen Guest

## SMDEP Ambassadors

An SMDEP Ambassador is a former participant who volunteers to recruit eligible SMDEP applicants to the program. The applicants must submit a completed application packet (online application and resume) by the application deadline.

### What does an Ambassador do?

There are many ways in which Ambassadors help the National Program Office including:

- Attend national meetings and conferences with the National Program Office and program sites.
- At appropriate opportunities share information about SMDEP and the importance of completing an enrichment program as part of preparing for medical or dental school.
- Work with the pre-health advisor at your school to attend career fairs and conferences.
- Encourage students to visit the SMDEP Web site to read about the program, review the program sites, and begin the

application process.

- Serve as a mentor throughout the application process by advising applicants to request transcripts and recommendations early and to submit their completed online application by the SMDEP deadline of March 1.

As you recruit students for SMDEP, tell each of them to enter your ambassador identifier on the portion of the online application that asks, "Who Referred You?" This is how the National Program Office will know how many applicants with completed application packets you were responsible for recruiting. Download [ambassador recruiting cards](#) at [www.smdep.org](http://www.smdep.org)

### Incentives

The three SMDEP Ambassadors who recruit the most students that submit completed applications to SMDEP by the deadline will be funded to attend a medical, or dental, related professional conference. The conference must be approved by the SMDEP Na-

tional Program Office.

Becoming an Ambassador offers other valuable professional development skills such as:

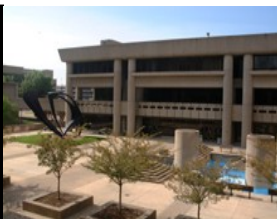
- Networking skills
- Resume builder
- Public-speaking skills

### How do I become an SMDEP Ambassador?

Fill out the [SMDEP Ambassador Application](#) available at [www.smdep.org](http://www.smdep.org). Send this information along with a current resume to [smdepambassadors@aamc.org](mailto:smdepambassadors@aamc.org).

**The application opens August 15. The deadline is October 1st.**

Source: [www.smdep.org](http://www.smdep.org)



The courtyard at University of Louisville Health Science Center.

SMDEP is a national program funded by the Robert Wood Johnson Foundation with direction and technical assistance provided by the Association of American Medical Colleges and the American Dental Education Association.

## CAREER HIGHLIGHT: DENTISTRY

A dental education opens up a world of professional opportunities. There are over 50 dental schools in the United States accredited by the ADA's Commission on Dental Accreditation (CODA). Typically, DDS/DMD programs take four years to complete with an additional year for dental specialties. Most U.S. dental schools accept a single online application through the American Association of Dental Schools Application Service (AADSAS).

Dentistry offers several career options. In addition to private practice, excellent opportunities exist in teaching and research, careers with government agencies or in industry.

Dentists can specialize in one of the nine ADA recognized dental specialties. The nine dental specialties are: Dental Public Health, Endodontics, Oral and Maxillofacial Pathology, Oral and Maxillofacial

Radiology, Oral and Maxillofacial Surgery, Orthodontics and Dentofacial Orthopedics, Pediatric Dentistry, Periodontics and Prosthodontics.

**Private Practice:** Many dentists work either in solo private practice or in partnerships with other dentists. The majority of private practice dentists own their practices. These include general dentist or those who chose to specialize in **Academic Dentistry:** An academic dentistry career combines teaching, research, community service and patient care. Additional information is available at the American Dental Education Association's (ADEA) web site, <http://www.adea.org>.

**Public Health Dentistry:** This career focuses on community settings. Promoting dental health, developing health policy and preventing disease are the major roles of a public health dentist. Numerous opportunities also exist in research and teaching. The U.S. Public Health Service offers

dentists an opportunity to provide dental care in unique cultural environments (e.g., an Indian Reservation, Coast Guard base, or Federal Prison).

**Research:** Research careers offer opportunities to generate new knowledge and be on the cutting edge of scientific discoveries that ultimately impact patient care. Some of the latest research improving patient care includes lasers in surgery and implants to replace damaged bone. Many researchers are faculty at universities while others work in federal facilities, such as the National Institute of Dental and Craniofacial Research (NIDCR), [www.nidcr.nih.gov](http://www.nidcr.nih.gov), and the National Institutes of Health (NIH), [www.nih.gov](http://www.nih.gov), or in private industry. A career in research requires an advanced degree or additional training beyond the dental degree.

**International Health Care:** Dentists provide services to populations abroad and

work for such agencies as the World Health Organization (WHO), the United Nations Educational, Scientific and Cultural Organization (UNESCO), and the Food and Agricultural Organization of the United Nations (FAO). Many dentists volunteer to bring dentistry to aid people in third world countries.

**Hospital dentistry:** Hospital dentists treat patients with medical conditions and disabilities alongside physician colleagues, often in operating rooms and emergency departments. Hospital dentists usually have a strong interest in medicine and collaborative care and have spent a year or more training in a hospital-based setting after dental school.

Source:

<http://www.ada.org/96.aspx>

<http://www.ada.org/3324.aspx>

## Considering a career in research

The University of Louisville School of Medicine offers graduate degrees in five academic departments. Students can earn a masters or PhD in Anatomical Sciences and Neurobiology, Biochemistry and Molecular Biology, Microbiology and Immunology, Pharmacology and Toxicology, and Physiology and Biophysics.

Students entering one of these five departments participate in the Integrated Programs in Biomedical Sciences (IPIBS). IPIBS is a gateway for entering graduate students interested in biomedical research. Students take a core-curriculum during their first year and then choose one of the five PhD granting program to complete their course work and research.

IPIBS also offers a financial assistance package. IPIBS fellowships consist of a \$22,000 stipend, tuition waiver, and health care benefits.

For more information about IPIBS visit the website at <http://louisville.edu/hsc/ipibs>. Interested students can also contact Dr. Thomas Geoghegan, PhD at 502-852-3805 or via email at [tegeog01@louisville.edu](mailto:tegeog01@louisville.edu).

We also recommend that you visit the department website for specific information about each discipline.

**Anatomical Sciences and Neurobiology:** [www.louisville.edu/medschool.anatomy](http://www.louisville.edu/medschool.anatomy)

**Biochemistry and Molecular Biology:** [www.louisville.edu/medschool/biochemistry](http://www.louisville.edu/medschool/biochemistry)

**Microbiology and Immunology:** [www.louisville.edu/medschool/microbiology](http://www.louisville.edu/medschool/microbiology)

**Pharmacology and Toxicology:** [www.louisville.edu/medschool/pharmacology](http://www.louisville.edu/medschool/pharmacology)

**Physiology and Biophysics:** [www.louisville.edu/medschool/physiology](http://www.louisville.edu/medschool/physiology)

U of L also offers graduate degrees in public health through the School of Public Health and Information Sciences. As a student in SPHIS you will learn about public health theory and practice and new ways to think about and manage health information.

SPHIS offers several academic programs, including a Master of Public Health (MPH), three Masters of Science (MS and MSc) and two Doctors of Philosophy (PhD). Most programs have specific concentrations that allow students to direct their studies to individual areas of interest.

**Degree programs offers through the SPHIS are:**

- Certificate in Clinical Investi-

gation Sciences

- Master of Science (MS) in Biostatistics-Decision Science
- Master of Science (MSc) in Clinical Investigation Sciences
- Master of Science (MS) in Epidemiology
- Master of Public Health (MPH)
- Doctor of Philosophy (PhD) in Biostatistics with emphases on Decision Science and Bioinformatics
- Doctor of Philosophy (PhD) in Public Health Sciences - Epidemiology
- Doctor of Philosophy (PhD) in Public Health Sciences - Environmental Health
- Doctor of Philosophy (PhD) in Public Health Sciences - Health Management
- Doctor of Philosophy (PhD) in Public Health Sciences - Health Promotion
- Dual PhD in Mathematics and MS in Biostatistics-Decision Science

Source:

<http://louisville.edu/sphis/prospective-students>

<http://louisville.edu/sphis/academics/academics.html>

For more information contact at 502-852-3299 the school at [sphis@louisville.edu](mailto:sphis@louisville.edu).

The University of Louisville School of Dentistry also offers a research based degree program. The MS degree in Oral Biology Program is research-based program directed toward a general understanding of the biology of the oral cavity and developing craniofacial region and the interactions between oral and systemic health. Basic (molecular and cellular), clinical and translational dental and medical research is pursued.

The program is available to those students wishing to obtain solely the M.S. degree; to students currently enrolled in Dental Specialty Certificate / Residency Programs; to students currently enrolled in the D.M.D. degree program; and to persons who have previously earned a D.M.D., M.D., or equivalent degree.

For more information contact Diane Foster, Director of Student Affairs at 502-852-5081 or via email at [obiograd@louisville.edu](mailto:obiograd@louisville.edu).

Source:

[www.louisville.edu/dental/oralbiology](http://www.louisville.edu/dental/oralbiology)

## What is the DAT?

The DAT, or Dental Admissions Test, is a standardized, multiple-choice examination designed to help dental schools assess your general academic ability, comprehension of scientific information, and perceptual ability.

Along with your grades, dental schools also use the DAT to predict your ability to succeed academically in dental school. Every U.S. medical school will require you to take the DAT as part of the application process. Test results are only one factor considered in evaluating the admission potential of a student.

The DAT comprises four sections: survey of the natural sciences (90 minutes), perceptual ability (often called the PAT, 60 minutes), reading comprehension (60 minutes), and quantitative reasoning (45 minutes).

To register for the exam, visit [ada.org](http://ada.org)

### Test Preparation Materials:

The Dental Admission Testing Program does not endorse any test preparation courses and has no information on the content or efficacy of test preparation courses designed to prepare examinees to take the DAT. The Department of Testing Services urges individuals considering participating in test preparation courses to review carefully the course materials to ensure that they reflect the current content of the DAT.

The DAT Program has released a complete DAT Sample Test. To order, complete the form below and submit the appropriate fee. See links below.

[http://www.ada.org/sections/educationAndCareers/pdfs/dat\\_sample\\_test\\_order\\_form.pdf](http://www.ada.org/sections/educationAndCareers/pdfs/dat_sample_test_order_form.pdf)

[http://www.ada.org/sections/educationAndCareers/pdfs/dat\\_test\\_sampleitems.pdf](http://www.ada.org/sections/educationAndCareers/pdfs/dat_test_sampleitems.pdf)

Source:  
[www.ada.org](http://www.ada.org)

**Commitment  
leads to  
action. Action  
brings your  
dream closer."**

**- Marcia Wieder**

## Dual Degree Programs

Dual degree programs help expand your skill set, giving you more opportunities to influence individuals, communities, the health care system and our broader society for the better.

Combining a second degree with your education helps you experience health care through the lens of diverse disciplines including the humanities, business, public health and other diverse disciplines.

The UofL School of Medicine offers five dual degree programs.

### MD/MA- Bioethics & Medical Humanities

The MD-MA program combines the medical school curriculum with the Interdisciplinary Master of Arts in Bioethics and Medical Humanities. A degree intended to provide graduates with an enriched ethical knowledge base, preparing them to work in clinical or hospital settings, and to undertake scholarly research or teach in the field of bioethics and medical humanities.

Degree holders may participate in hospital ethics committees, teach medical ethics and humanities, understand the interaction of religion/spirituality and medicine, or be equipped to interpret issues in bioethics to the general public and the media.

**For more information, contact:**  
502-852-6501  
[bioethicsma@louisville.edu](mailto:bioethicsma@louisville.edu)

### MD/MBA

Whether your career goals include managing your own practice, developing and marketing biomedical discoveries and medical devices, working to enhance the delivery of outstanding clinical care or improving the health care system, the M.D.-M.B.A. dual degree will serve you well. Graduates will be skilled in both medicine and management.

**For more information, contact:**  
Toni M. Ganzel, MD, MBA  
Senior Associate Dean for Students and Academic Affairs  
[tmganz01@louisville.edu](mailto:tmganz01@louisville.edu)

Robert B. Nixon, Ph.D.  
Associate Dean - Masters Programs  
[rdnix01@louisville.edu](mailto:rdnix01@louisville.edu)

### MD/MPH

The MD-MPH prepares future physicians to approach health care from both an individual, patient-based perspective and a population-based perspective. This combination of the disciplines of medicine and public health enables practitioners to advance their patients' health and wellness using multiple strategies and provides options for physicians to become leaders in efforts to improve the public's health at the local, regional and national levels.

**For more information, contact:**  
SPHIS  
502 852-3299  
[sphis@louisville.edu](mailto:sphis@louisville.edu)

### MD/PhD

The MD-PhD is a Physician Scientist training program that includes two years in pre-clinical medical training, followed by graduate training in one of UofL's basic research departments, and two years of medical rotations for clinical training. The PhD can be earned from any of the basic research departments in the School of Medicine. Arrangements can be made in special cases to design a program based in one of the degree-granting programs located at UofL's Belknap Campus.

Applicants to the combined M.D./Ph.D. program must submit applications to the Medical School through the American College Application Service (AMCAS) and the student is required to take the MCAT. If you are interested in being considered for the M.D./Ph.D. program, you should check the appropriate box on the University of Louisville Medical School application when you apply. Checking this box will not influence admission to medical school.

**For more information, contact:**  
Dr. Binks Wattenberg  
Associate Director-MD/PhD Program  
502-852-7762  
[b0watt01@gwise.louisville.edu](mailto:b0watt01@gwise.louisville.edu)

### MD/MSc in Clinical Investigation Sciences

The MSc degree program provides physicians, dentists, nurses and other health professionals an opportunity to acquire

the clinical research skills necessary for a career in an academic health center. The required course work provide students with a broad base of knowledge in epidemiologic research methods, biostatistics, bioethics and the methodologies of health services and outcomes research. Early in their first semester MSc students are required to identify a faculty member who will serve as a mentor. The MSc in Clinical Investigation Sciences can be completed in two years; however, a three-year option is also available.

Dual degree students must be admitted by both the School of Medicine and the School of Public Health and Information Sciences.

**For more information, contact:**  
SPHIS  
502 852-3299  
[sphis@louisville.edu](mailto:sphis@louisville.edu)

Source: <http://louisville.edu/medschool/dualdegree>



## MINORITY & RURAL AFFAIRS —SPECIAL PROGRAMS OFFICE

Call us for advice/assistance.

University Of Louisville  
323 E. Chestnut Street  
502 Abell Administration Building  
Louisville, KY 40202  
Phone: 502.852.7159  
Fax: 502.852.8866  
E-mail: [specprog@gwise.louisville.edu](mailto:specprog@gwise.louisville.edu)

## SMDEP 2011

As we head into the last few weeks of summer our office has begun the initial planning for SMDEP 2011. We ask that you share your experiences at SMDEP with your peers and friends and encourage them to apply. If you need any flyers, brochures or any other information to share with your pre-health clubs about SMDEP or the MCAT/DAT Summer Review please let us know and we will be more than happy to mail that information to you. Also if you would like for us to come to your school and do a brief presentation about our program let us know a date and we will try to accommodate you.

## ANNOUNCEMENTS, AWARDS, INFORMATION YOU WANT TO SHARE

PLEASE KEEP US UPDATED ON THE GOOD THINGS THAT ARE GOING ON IN YOUR LIFE. IF YOU WON AN AWARD, WERE ACCEPTED INTO PROFESSIONAL SCHOOL, STUDIED ABROAD, OR ANYTHING ELSE THAT YOU WANT TO SHARE, SO THAT WE CAN MENTION IT IN THE NEXT EDITION OF THE U OF L SMDEP UPDATE. LET YOUR PEERS KNOW WHAT YOU ARE UP TO AND HELP TO KEEP EACH OTHER MOTIVATED.

Former U of L SMDEP Scholars  
Who are in Professional  
School:

### U of L School of Dentistry

Emma Arterburn - SMDEP '06  
Chelsea Bond—SMDEP '07  
Dustin Clevidence—SMDEP '07  
Brittany (French) Clevidence—SMDEP '07  
Tiffany Garrison—SMDEP '06  
Ashley Gunnell—SMDEP '06  
Devin Hall—SMDEP '06  
Laura Hayman—SMDEP '07  
Marcell Lesueur—SMDEP '06  
Jacob Masters—SMDEP '06  
Vinita Patel—SMDEP '07  
Melba Ross—SMDEP '07  
Whitney Schultz—SMDEP '07  
Laura Spragens—SMDEP '06  
Kelly Standish—SMDEP '07

### Other School Of Dentistry

Elizabeth Cheng—SMDEP '07  
Kelly Goodpaster—SMDEP '08  
Manpreet Kaur—SMDEP '06  
Melinda Landwerlen—SMDEP '08  
Lindsey Lonneman—SMDEP '07  
Lindsey Moore—SMDEP '08  
Minhthu Phan—SMDEP '06  
April Powers—SMDEP '06  
Kimberly Roberts—SMDEP '08  
Chelsea (Leichardt) Rupp—SMDEP '07  
Briana Taylor—SMDEP '08  
Kaisha Thomas—SMDEP '07  
Brittany Wills—SMDEP '06

### U of L School of Medicine

Mayurika Banerjee—SMDEP '06  
RJ Blackburn—SMDEP '06  
Evelena Cousin-Peterson—SMDEP '06

Kelly (Murphy) DeAtley—SMDEP '07  
Marie Dennison—SMDEP '07  
Feneisha Fervil - SMDEP '06  
Janel Gordon—SMDEP '06  
Vandra Harris—SMDEP '08  
Emily Hayman—SMDEP '08  
Seth Haywood—SMDEP '07  
Ashley Hinchin—SMDEP '07  
Scott Howard—SMDEP '06  
John Jeffries—SMDEP '06  
Tiya Johnson—SMDEP '06  
Huy Mai—SMDEP '06  
Terri Mason—SMDEP '07  
Michael Miao—SMDEP '07  
Taku Mkorombindo—SMDEP '08  
Patience Ngwang - SMDEP '06  
Nicole Nomamuikor—SMDEP '06  
Daniel Ontenient—SMDEP '08  
Savanna Smith—SMDEP '06  
Garrett Roney—SMDEP '06  
Travis Wheeler—SMDEP '08  
Carmen Young—SMDEP '06

### Other School of Medicine

Dominique Allen - SMDEP '06  
Adjoa Andoh - SMDEP '08  
Matthew Banks—SMDEP '06  
Lauren Bartholmew—SMDEP '06  
Jean-Edson Belcourt—SMDEP '07  
Ashundra Castle—SMDEP '06  
Weston Childers—SMDEP '06  
Ashley Clevenger—SMDEP '07  
Tiffany Doan—SMDEP '08  
Jessica Edwards—SMDEP '07  
Eseosa Eguae—SMDEP '06  
James Freeman—SMDEP '07  
Georgina Giffin—SMDEP '06  
April Glenn—SMDEP '07  
Kathleen Hamrick—SMDEP '08  
David Kays—SMDEP '08  
Sandhya Kumar—SMDEP '08  
Korsica Lassiter—SMDEP '07

Rasheed Lawal—SMDEP '06  
Ashley Loan—SMDEP '07  
Van Luong—SMDEP '07  
Emily (Helton) Lynch—SMDEP '07  
Anesha Maxwell—SMDEP '06  
Jennifer Nwankwo—SMDEP '08  
Brooke Robinson—SMDEP '06  
John Ruggero—SMDEP '06  
Kenny Smith—SMDEP '07  
Staceyann Smith—SMDEP '08  
Jerecia Watson—SMDEP '06  
Kimberly Williams—SMDEP '07  
Paige Willis—SMDEP '06

### Other Professional School

Christopher Arnette—SMDEP '06, PhD Program  
Matthew Feltner—SMDEP '06, Ohio College of Podiatric Medicine  
Bruce Harris—SMDEP '06, Samford Pharmacy School  
Deshawn Industrious—SMDEP '06, Mercer University-MPH  
Areia Johnson—SMDEP '06, Columbia University Mailman Sch of Public Hlth  
Francesca Pribble—SMDEP '06, Master's Program, Physiology Dept., U of L  
Rodrick Stewart—SMDEP '06, UMDNJ-GSBS Stratford Biomedical Sciences  
Jamar Mitchell—SMDEP '06, Baylor University, Masters of Divinity  
Dustin Hatfield—SMDEP '06, OSU Law  
Maleka Embry—SMDEP '07, Wright State University-MPH  
Stephanie Kramer—SMDEP '07, UNC Chapel Hill, Chemistry  
Paul Ciero—SMDEP '07, MS Oral Biology, U of L  
Stewart Voit—SMDEP '07, Masters in Chemistry  
Jessica Simpson—SMDEP '07, MPH

Kristin Rucker—SMDEP '06, MBA Health-care  
Jennifer Strang—SMDEP '06, National University of Hlth Science-Chiropractic Medicine

### Other

Sandhya Kumar—SMDEP '08, Fulbright Scholarship-English Teaching Assistant, Taiwan

Felicia Hogan—SMDEP '08, Fulbright Scholarship-English Teaching Assistant, South Korea