New Scholarship Recipients

We are pleased to announce the recipients of our new MD/MPH scholarship opportunities!

The Office of the Associate Dean for Public Health and Medical Education has three research-based scholarships available to MD/MPH students who develop and complete a minimum 300-contact-hour research experience that results in a written document (formatted as a peer-reviewed manuscript) and PowerPoint presentation. Each $15,000 scholarship may be awarded to a single student once every two years.

Elizabeth Traore:
Elizabeth is the recipient of the John Hanna Hoerner MD/MPH Fellowship Fund; a scholarship for research involving some aspect of cancer or diseases of the heart.
Research Focus: Effects of High Glucose on IGF-I-mediated growth signaling and metabolic responses in renal cell carcinoma

Alexandra Haugh:
Alexandra is the recipient of the Robert Morgadanes MD/MPH Fellowship Fund; a scholarship for research involving some aspect of arteriosclerosis and/or atherosclerosis.
Research Focus: The effects of stress during pregnancy and pre-eclampsia as a risk factor for atherosclerosis

**One scholarship for research involving some aspect of arthritis and rheumatism is still available; please contact Allys Dierker at adierke@tulane.edu for more information.

More information about scholarships and funding opportunities for MD/MPH students can be found at: http://www.sph.tulane.edu/publichealth/mdmph/md_mph-scholarships-funding.cfm

MESSAGE FROM THE ASSOCIATE DEAN
M.A. “Tonette” Krousel-Wood MD, MSPH
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This past year has been a productive and rewarding year for public health and medical education. We have enhanced the look and expanded the content of our website and have initiated programs to facilitate student international experiences. New scholarships have been awarded to foster research in cancer and cardiovascular disease; new travel grants have been distributed to MD/MPH students presenting their scholarly works at national and international meetings; and new practicum opportunities in local and global settings have been established. We continue our ongoing efforts to foster medical student engagement in public health training through the MD/MPH, MD/PhD, and public health certificate programs. There is growing enthusiasm and commitment of our students to integrating public health concepts with their medical training.

Congratulations are in order for the Class of 2014. Recent match results reveal 14 are pursuing training in primary care specialties (internal medicine, pediatrics, or family medicine), 2 in general surgery, 2 in neurology, 1 in anesthesiology, and 4 in emergency medicine. Placements include top-notch residency programs across the US, counting 9 in Louisiana. In addition to impressive match results, the MD/MPH students do well on the boards. For 2012-2013, 100% of the MD/MPH students passed Step 1!

We remain grateful to our faculty and staff who support the program and our students. Please visit our website at http://www.sph.tulane.edu/publichealth/mdmph/index.cfm to view the student testimonials about how the combined training made a difference in their education and see new scholarship and travel grant opportunities. If you have questions or suggestions, please do not hesitate to contact me at mawood@tulane.edu.

UPDATE: HAYWARD SCHOLARS
Congratulations on completing your Hayward Scholarship experience!

Jessica Langston: “Risk of BRCA mutation in Louisiana patients without access to genetic testing”

Rebecca Reimers: “Expanded newborn screening in Louisiana 2006-2013: Results and Outcomes”
Another great showing by Tulane’s MD/MPH students! We congratulate our class of 2014 as they move onto the next stage in their careers. Best of luck to all of our graduates as they enter into their residency programs! The class of 2014 had 38 students completing the MD/MPH Program. For more information on Match 2014, please go to: http://tulane.edu/som/StudentAffairs/upload/Match-Day-2014-Results-for-Web.pdf

Match Results by Region:

<table>
<thead>
<tr>
<th>Region</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>West</td>
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<tr>
<td>Midwest</td>
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</tr>
<tr>
<td>South</td>
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</tr>
<tr>
<td>Northeast</td>
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</table>

Match Results by Specialty:

<table>
<thead>
<tr>
<th>Specialty</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anesthesiology</td>
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<tr>
<td>Emergency Medicine</td>
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</tr>
<tr>
<td>Family Medicine</td>
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</tr>
<tr>
<td>General Surgery</td>
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</tr>
<tr>
<td>Internal Medicine</td>
<td>8</td>
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<tr>
<td>Medicine/Pediatrics</td>
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</tr>
<tr>
<td>Medicine/Psychiatry</td>
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</tr>
<tr>
<td>Neurology</td>
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<tr>
<td>Neurological Surgery</td>
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</tr>
<tr>
<td>OB/GYN</td>
<td>3</td>
</tr>
<tr>
<td>Ophthalmology</td>
<td>3</td>
</tr>
<tr>
<td>Orthopedic Surgery</td>
<td>1</td>
</tr>
<tr>
<td>Pediatrics/Emergency Medicine</td>
<td>2</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>2</td>
</tr>
<tr>
<td>Psychiatry</td>
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<tr>
<td>Radiology</td>
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<tr>
<td>Radiation Oncology</td>
<td>1</td>
</tr>
<tr>
<td>Surgery-Preliminary</td>
<td>2</td>
</tr>
<tr>
<td>Urology</td>
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</tr>
</tbody>
</table>

Did you know that 9 MD/MPH students matched in programs in Louisiana and 4 are staying here at Tulane?!

Among our incredible 2014 match results, some prestigious programs our students matched into include:

- Brown University
- Harvard University
- Johns Hopkins University
- Stanford University
- Tulane University
- University of California-San Francisco
MD/MPH students complete the MD/MPH rotation during their T3 and T4 years. During this rotation they focus on a population based project with a public health focus. Here are some projects from fall 2013:

Site: Center for Culinary Medicine  
Supervisor: Dr. Timothy Harlan  
Recipe for Improving Chronic Disease Management: Personalized Nutrition Education for Medical Students via Predictive Multivariate Regression Models—Yihan Chen  
A Comparison of the Effectiveness of Diabetic Medical Nutrition Therapy versus Instruction in a Teaching Kitchen on Glycemic Control in Type II Diabetes: A Randomized Controlled Trial—Jenni Nix

Site: Office of Public Health- Genetics  
Supervisors: Trina Evans and Cheryl Harris  
Leading the Way to a Lead-Free Louisiana—Amanda Rosencrans

Site: Office of Public Health- CYSHC  
Supervisor: Nicole Richmond  
Assessing the relationship between having a medical home and being administered pediatric development screening in children 5 years and younger, from 2011-2012—Carol Shih

Site: NO/AIDS Task Force  
Supervisors: Dr. Seema Gai, Jack Millaway & Randall Leggett  
Patient Cycle Time Analysis at NO/AIDS Task Force Primary Care Clinic—Kenneth Ott  
An Analysis of Vaccination Coverage of Pediatric HIV Patients at NO/AIDS Task Force Primary Care Clinic—Theodore Pei

Site: Madaktari Haydom, Tanzania  
Supervisors: Joyce Nicholas / Elisa Kucia.  
The Socioeconomic Impact of Neurosurgical Procedures in Rural Tanzania—Joti Thind

Site: Office of Public Health- Infectious Disease Epidemiology  
Supervisor: Dr. Raoult Ratard  
Louisiana Hepatitis A Virus Reporting: An evaluation of non-cases and why the CDC case definition was not met.—Andrej Pogribny  
Potential Naegleria Fowleri Cases in Louisiana—Lucy Witt  
Assessing initiation of the Louisiana surgical prophylaxis surveillance initiative for colon surgeries and abdominal hysterecto-mies—Nicole Jackson

Site: Lean Six Sigma- Yellow Belt Training—Baton Rouge General  
Supervisor: Erin Zeringue  
Reducing Time from Arrival to Balloon Inflation for ST-Elevation Myocardial Infarction in the Emergency Department using Lean Six Sigma Methodology—Lui Caleon  
Using Lean Six Sigma Methodology to Reduce the Number of Inappropriate Blood Transfusions and Improve Compliance with National Guidelines—Alexis Light  
Lean Six Sigma Quality Improvement Initiative: Eliminating Unnecessary Catheterizations at Baton Rouge General Medical Center—Robert Wood Jr.

Site: Tulane Department of Anesthesiology  
Supervisor: Dr. Sabrina Bent  
Effect of a pre-induction checklist on patient safety: a randomized controlled trial—Tianming Liu  
International Registry of Regional Anesthesia (IRORA) Loss to Follow-up Quality Improvement Project—Daniel Reid

Travel Grant Awardees:

We are pleased to announce the recipients of the 2014 MD/MPH Travel Grants. We are proud of your professional achievements.

Cameron White (GCHB):  
Poster Presentation at the Society of Student-Run Free Clinics Conference in Nashville, TN. February 1, 2014.

Onita Bhattasali (INHL):  

Dominique Monlezun (GHSD):  
Poster Presentation at the International Stroke Conference in San Diego, CA. February 13, 2014

CONGRATULATIONS to Nicole Jackson (c/o 2014) for finishing 3rd in the Delta Omega Poster Presentation
Student Spotlights

**Michael Halstead:**

Michael Halstead is a recent graduate of the MD/MPH program. Michael integrated his MD and MPH in epidemiology primarily through his research on dementia. As a fellow in the National Institutes of Health (NIH) Medical Research Scholars Program, he worked for a year in the Laboratory of Epidemiology and Population Sciences at the National Institutes on Aging under the direction of Dr. Lenore Launer. His research utilized population-based cohorts investigating the influence of longstanding cerebrovascular health on cognition. Michael’s long-term goal is to understand brain aging and the risk factors that augment this process in addition to exploring methods that may mitigate the impact of these risk factors. Michael continued his research with the NIH while at Tulane and took research electives and created his own MD/MPH rotation experience at the NIH. He presented his work to the NIH community through Intramural research conferences, as well as to the International research community at VasCog 2013 in Toronto, Canada. Michael is pursuing a residency training in Neurology at Johns Hopkins and plans to use the foundation in epidemiology and research to address a key public health and clinical problem—dementia and cognitive decline.

**Dominique Monlezun:**

Dominique Monlezun is our pioneer MD/MPH → MD/PhD student in the Department of Global Health Systems and Development. He currently participates in research at the Goldring Center for Culinary Medicine and the Tulane Stroke Program. His areas of research focus on health system optimization via neurogenomic and intra-health system informatics. He has participated in Tulane’s TRuMEd program for medical students who intend to enter practice in a rural area or small town of Louisiana or the Gulf South, particularly in the field of Family Medicine. His ultimate research goals include investigating the impact of nutritional lifestyle interventions on stroke incidence and severity as judged by neurogenomic and molecular markers.

**Helpful Hints from Current Students:**

- Consider taking an extra year to develop research goals or complete fellowships.
- Identify mentors early. Mentors can inspire, teach, and guide you.
- Find ways to combine clinical and public health training in your research. This will benefit the student and the patient population.