Overview

955 articles in 407 journals were published by School of Medicine Faculty from July 1st, 2013 to June 30th, 2014. 295 journals had impact factors listed in in the 2013 issue of Thomson Reuters’ *Journal Citation Reports*©. The departments of Urology, Neurology, and Surgery produced the highest number of publications. Within sections of medicine, Cardiology and Internal Medicine produced the most publications. See page 2 for a breakdown of publications by department and section of medicine. A little less than a quarter of articles (222 publications, 23%) were attributed to a center or institute within the School of Medicine. With 72 articles, the Tulane National Primate Research Center (TUNPRC) had the most publications of a center, followed by the Tulane Heart and Vascular Institute (43 publications) and the Tulane Cancer Center (27 publications). Within TUNPRC, Microbiology and Immunology produced the majority of publications (65%, 47 publications). See pages 3 – 4 for a breakdown of publications by Center or Institute, as well as research production by department at the TUNPRC.

Of 955 articles, 128 publications listed Tulane faculty as first authors, and 595 publications listed Tulane faculty as last authors. Highest producing authors included: Dr. Sheryl Martin-Schild, MD, PhD, FANA, FAHA, Director, Stroke Program at Tulane University Hospital and Clinic and Assistant Professor, Department of Neurology (65 publications), Dr. Oliver Sartor, the Laborde Professor of Cancer Research in the Medicine and Urology Departments of Tulane School of Medicine (51 publications), and Dr. Emad Kandil, M.D., FACS, Edward G. Schlieder Chair in Surgical Oncology, Associate Professor of Surgery and Adjunct Professor of Otolaryngology and Medicine (34 publications).

Publication metrics by tiered journal

7% of publications (70 articles) were published in 18 scientific journals with an impact factor (IF) higher than 10. Journals in this tier include: *CA: Cancer Journal for Clinicians* (IF = 162.5), *The New England Journal of Medicine* (IF = 54.42) and *JAMA: the Journal of the American Medical Association* (IF = 31.477). Over half of publications (54%, 516 publications) came from 340 journals with impact factors between 10 and 3. Journals in this tier include: *Blood* (IF = 9.775), *Chest* (IF = 7.132) and *Aging* (IF = 4.886). Over one-fourth of publications (26%, 245 publications) appeared in 130 journals with an impact factor between 3 and 1. A minimal number of publications (3%, 31 publications) appeared in 15 journals with an impact factor of less than one, while 10% of publications (93 articles) appeared in 65 journals with no impact factor.
Publications by School of Medicine Center/Institute, July 2013 - June 2014 (n=223)

- Tulane National Primate Research Center, 72, 33%
- Heart & Vascular Institute (TUL), 49, 22%
- Tulane Cancer Center, 27, 13%
- Center for Stem Cell Research and Regenerative Medicine, 8, 4%
- Hayward Genetics Center, 9, 4%
- Center for Aging, 10, 5%
- Hypertension & Renal Center of Excellence, 12, 6%
- Goldring Center for Culinary Medicine, 13, 6%
- Tulane Transplant Institute, 2, 1%
- Tulane Pediatric Heart Center, 1, 1%
- Comprehensive Sleep Medicine Center, 1, 1%
Limitations of analysis

This report is limited to journal articles and conference abstracts indexed in PubMed¹ and Embase². Results do not include textbooks, book chapters, webpages, blog posts, DVDs, theses or gray literature.

The 2013 Impact Factor from Journal Citation Reports is used to rank journals in order of impact. It is important to note that 2013 impact factors tell only a part of the story. Different specialties exhibit different ranges of peak impact. Please note that some journals with lower impact factors are in fact high impact when considered in the context of their specific field. A final limitation: as impact factors are calculated over a range of years, recently established journals will have an impact factor of zero.³

Search strategy

475 full-time faculty members were searched in the Author field in the databases Pubmed and Embase. Results were limited to publication dates between July 1st, 2013 and June 30th, 2014. The keyword “Tulane” was added to common names. For complete search strategy, see online appendix.⁴ Items were hand checked to verify the publication originated from Tulane School of Medicine. Items were loaded into a RefWorks online database for de-duplication, then exported to Excel 2013. Journal names and journal ISSNs were searched in Thomas Reuters Journal Citation Reports for a 2013 current impact factor and noted in the Excel file for item analysis.

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¹ A biomedical literature database from the US National Institutes of Health with 24 million citations from MEDLINE, life science journals, and online books www.pubmed.gov

² A biomedical literature database covering over 28 million indexed records from international biomedical literature, conference proceedings and drug and medical device information. www.embase.com


⁴ Matas Faculty Publications Guide http://libguides.tulane.edu/MedPubs2014
More information

A full list of School of Medicine Faculty publications, as well as the search strategy and a list of journals and impact factors in which Tulane School of Medicine publish can be found at the Matas Faculty Publications Guide (http://libguides.tulane.edu/MedPubs2014). Requests for further analysis can be sent to Maureen “Molly” Knapp, Research Support & Education Librarian at mknapp2@tulane.edu.

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October 13, 2014