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Himmelfarb Library Annual Report

Himmelfarb Health Sciences Library

2017

Himmelfarb Library Annual Report 2017

George Washington University, Himmelfarb Health Sciences Library

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ANNUAL REPORT AY2016-17



Himmelfarb
Health Sciences Library



Dean Bopper Deyton and Fourth Year medical student at the 2017 Match Day celebration at Himmelfarb Library

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Celebration at the 2017 Match Day celebration at Himmelfarb Library

HIMMELFARB HEALTH SCIENCES LIBRARY

ACADEMIC YEAR 2016-2017

ANNUAL REPORT

INTRODUCTION

The 2016/2017 academic year was an exciting one for the Himmelfarb Health Sciences Library. It was a year of anniversaries for staff and projects. It was a year of milestones with growth in journal usage, educational programming, and ebook acquisitions. It was a year to reach out to students through the biannual survey and a year of collaborations with researchers, other health sciences libraries, and the local public health community. It was an exciting year, and I hope you will catch some of that excitement in this Annual Report.

"It was a year of anniversaries for staff and projects."

MISSION AND VISION

VISION STATEMENT:

The Library will be recognized as a center of research, learning and creativity. We will provide relevant information resources, research tools, productive workspaces, and instruction to promote optimal information use. We will develop and utilize the talents of library faculty and personnel to achieve excellence in support of students, staff, faculty and researchers of the SMHS, GWSPH, and SON.

MISSION:

We support the information needs of the faculty, staff, and students of the SMHS, GWSPH, and SON by selecting, acquiring, and delivering information and by collaborating, educating, and building community.

We accomplish this mission by:

1. Supporting the academic goals and research activities of every student, staff, faculty member and researcher through services and resources to foster learning and intellectual growth.
2. Acquiring high quality resources and tools that support clinical care, population health and research.
3. Investing in state-of-the-art systems that seamlessly integrate, retrieve, organize, analyze and preserve information.
4. Pursuing innovation and enhancement of librarian and staff skills and services through education, training and job enrichment and by harnessing new technology.

A YEAR OF ANNIVERSARIES AND MILESTONES

30TH ANNIVERSARY OF THE HIMMELFARB ART SHOW

Every year for the past thirty years, the Himmelfarb Library has hosted an Art Show featuring the creativity of faculty, staff and students. April 2017 marked the 30th Anniversary of the annual art show with a beautiful display of 56 pieces of art ranging from fused glass to colorful photos to thought-provoking paintings. In addition, 12 pieces were submitted digitally from distance education members of our community. Faculty members across departments

and students studying different disciplines participated in even greater numbers, filling the first floor of the library with color and creativity.



Lonnie Williams: Nakuru Housing (2017)



Alex Gomes: Double Arch, Arches National Park, Utah (2017)



Meaghan Heselden: Church, Snaefellsnes Peninsula, Iceland (2017)



Ruth Bueter: Thinking Boy (Hillwood Estate & Gardens). 2017

5TH ANNIVERSARY OF THE HEALTH SCIENCES RESEARCH COMMONS

The Health Sciences Research Commons (HSRC), maintained by the Himmelfarb Library, is an online repository for showcasing the scholarly output of the Milken Institute School of Public Health, the School of Medicine and Health Sciences, and the School of Nursing. The HSRC maintains a record of faculty publications and houses a variety of full-text collections unique to The George Washington University including publications produced by the [GWSPH Jacobs Institute of Women's Health](#), the [National Health Policy Forum](#), and the [Center for Health Policy Research](#). Earlier in 2017, the HSRC archive of full-text publications grew to over 12,000 papers. Shortly after, another milestone was reached: 300,000 of these archived papers were downloaded by researchers and students throughout the

Dor, A., Ferguson, C., Langwith, C., & Tan, E. (2010). A heavy burden: The individual costs of being overweight and obese in the United States. Washington, D.C.: Department of Health Policy, School of Public Health and Health Services, The George Washington University. Lambrew, J. & Briesacher, B. (2003). https://hsrc.himmelfarb.gwu.edu/sphhs_policy_facpubs/212/

Medicare prescription drug legislation: What it means for rural beneficiaries. Washington, D.C.: Center for American Progress. https://hsrc.himmelfarb.gwu.edu/sphhs_policy_facpubs/232/

McHugh, M., Van Dyke, K., McClelland M., Moss D. Improving Patient Flow and Reducing Emergency Department Crowding: A Guide for Hospitals. (Prepared by the Health Research & Educational Trust, an affiliate of the American Hospital Association, under contract 290-200-600022, Task Order No. 6).

"Individual journal titles in the collection were accessed nearly 100,00 times more than in the previous year..."

world. GW health sciences scholarship is being accessed and downloaded by diverse institutions, such as the Department of Veterans Affairs, NIH, CDC, the UK National Health Service, nonprofits, clinics, and universities from all over the world.

The most heavily downloaded articles in 2016/1027 were the following:

Wilkins, M.L., Dallas, R.H., Fanone, R.E., Lyon, M.E. (2013). Pediatric palliative care for youth with HIV/AIDS: systematic review of the literature. *HIV/AIDS - Research and Palliative Care*, 5:165-179. https://hsrc.himmelfarb.gwu.edu/smhs_peds_facpubs/466/

AHRQ Publication No. 11(12)-0094. Rockville, MD: Agency for Healthcare Research and Quality; October 2011. https://hsrc.himmelfarb.gwu.edu/sphhs_policy_facpubs/42/

Gray, D. J., Thrift, A. P., Williams, G. M., Zheng, F., Li, Y. -, Guo, J., . . . McManus, D. P. (2012). Five-year longitudinal assessment of the downstream impact on schistosomiasis transmission following closure of the three gorges dam. *PLoS Neglected Tropical Diseases*, 6(4). <https://doi.org/10.1371/annotation/d78f7215-7e4e-4db3-ab80-66f44a101fdf>

Pole, A., Dimri, M., & Dimri, G. P. (2016). Oxidative stress, cellular senescence and ageing. *AIMS Molecular Science*, 3 (3). <http://dx>.

doi.org/10.3934/molsci.2016.3.300

Vernon, J. A., Trujillo, A., Rosenbaum, S., & DeBuono, B. (2007). Low health literacy: Implications for national health policy. Washington, DC: Department of Health Policy, School of Public Health and Health Services, The George Washington University. https://hsrc.himmelfarb.gwu.edu/sphhs_policy_facpubs/172/

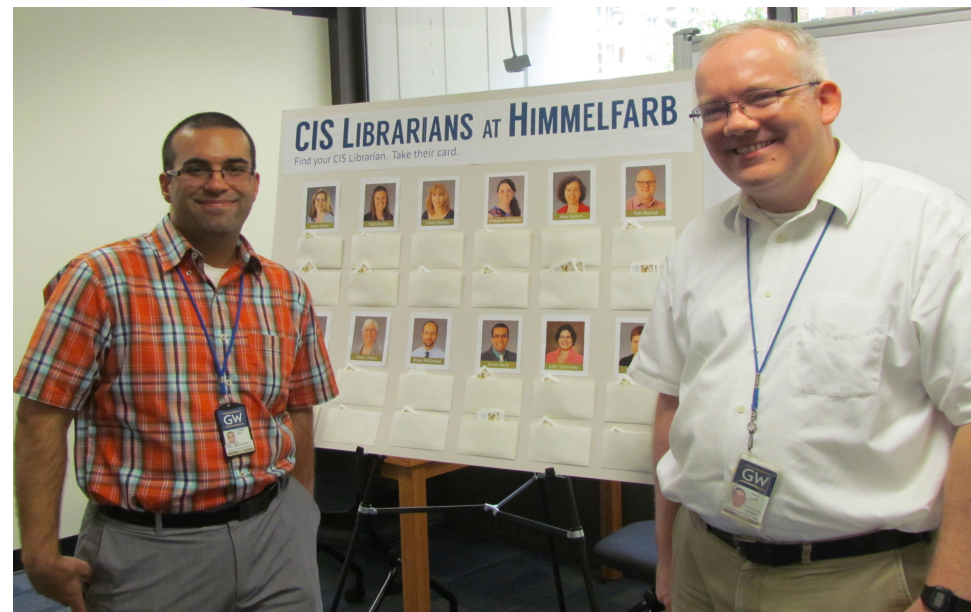
Graham, J. P., & Polizzotto, M. L. (2013). Pit latrines and their impacts on groundwater quality: A systematic review. *Environmental Health Perspectives*, Volume 121 () https://hsrc.himmelfarb.gwu.edu/sphhs_enviro_facpubs/36/

Shokoohi, H., Armstrong, P., Tansek, R. (2015). Emergency department ultrasound probe infection control: challenges and solutions. *Open Access Emergency Medicine*, 7, 1-9. https://hsrc.himmelfarb.gwu.edu/smhs_emerg_facpubs/201/

Zhang, Y. (2013). Epidemiology of esophageal cancer. *World Journal of Gastroenterology*, 19(34), 5598-5606. https://hsrc.himmelfarb.gwu.edu/sphhs_enviro_facpubs/77/

The HSRC also expanded its reach this year to student publications and projects. New collections added include the [Department of Occupational Therapy doctoral capstone projects](#), [School of Medicine Student and Resident Publications](#), and [Doctor of Nursing Practice capstone projects](#). All student abstracts submitted for GW Research Days are also housed in the HSRC. In 2017, 312 abstracts, 35 posters, and 2 video presentations were uploaded.

A number of new collections were added this year to showcase GW institutes and centers including the Computational Biology Institute, GW Cancer Institute, GW Heart & Vascular Institute, and Research Center for Neglected Diseases of Poverty. The GWSPH Institutes and Centers are highlighted together at http://hsrc.himmelfarb.gwu.edu/sphhs_centers/ and include the Center for Health and Health Care in Schools, Center for Integrated Behavioral Health Policy, GW mHealth Collaborative, Jacobs Institute of Women's Health, National Health Policy Forum, and Sumner M. Redstone Global Center for Prevention and Wellness.



Acquisitions Librarian Travis Nace (left) and Reference Librarian Paul Levett (right)

Several articles published by faculty had extremely high Altmetrics scores, meaning they made a splash in news outlets and social media. These articles included the following:

Moore, S. C., Lee, I. -, Weiderpass, E., Campbell, P. T., Sampson, J. N., Kitahara, C. M., . . . Patel, A. V. (2016). Association of leisure-time physical activity with risk of 26 types of cancer in 1.44 million adults. *JAMA Internal Medicine*, 176(6), 816-825. [doi:10.1001/jamainternmed.2016.1548](https://doi.org/10.1001/jamainternmed.2016.1548)

Freeman, A. M., Morris, P. B., Barnard, N., Esselstyn, C. B., Ros, E., Agatston, A., . . . Kris-Etherton, P. (2017). Trending cardiovascular nutrition controversies. *Journal of the American College of Cardiology*, 69(9), 1172-1187. [doi:10.1016/j.jacc.2016.10.086](https://doi.org/10.1016/j.jacc.2016.10.086)

Shademan, A., Decker, R. S., Opfermann, J. D., Leonard, S., Krieger, A., & Kim, P. C. W. (2016). Supervised autonomous robotic soft tissue surgery. *Science Translational Medicine*, 8(337) [doi:10.1126/scitranslmed.aad9398](https://doi.org/10.1126/scitranslmed.aad9398)

Driggers, R. W., Ho, C. -, Korhonen, E. M., Kuivanen, S., Jääskeläinen, A. J., Smura, T., . . . Vapalahti, O. (2016). Zika virus infection with prolonged maternal viremia and fetal brain abnormalities. *New England Journal of Medicine*, 374(22), 2142-2151. [doi:10.1056/NEJMoa1601824](https://doi.org/10.1056/NEJMoa1601824)

Knowler, W. C., Barrett-Connor, E., Fowler, S. E., Hamman, R. F., Lachin, J. M., Walker, E. A., & Nathan, D. M. (2002). Reduction in the incidence of type 2 diabetes with lifestyle intervention or metformin. *New England Journal of Medicine*, 346(6), 393-403. [doi:10.1056/NEJMoa012512](https://doi.org/10.1056/NEJMoa012512)

Marso, S. P., Daniels, G. H., Frandsen, K. B., Kristensen, P., Mann, J. F. E., Nauck, M. A., . . . Buse, J. B. (2016). Liraglutide and cardiovascular outcomes in type 2 diabetes. *New England Journal of Medicine*, 375(4), 311-322.

[doi:10.1056/NEJMoa1603827](https://doi.org/10.1056/NEJMoa1603827)

Bahrami, N., Sharma, D., Rosenthal, S., Davenport, E. M., Urban, J. E., Wagner, B., . . . Maldjian, J. A. (2016). Subconcussive head impact exposure and white matter tract changes over a single season of youth football. *Radiology*, 281(3), 919-926. [doi:10.1148/radiol.2016160564](https://doi.org/10.1148/radiol.2016160564)

Beavis, A. L., Gravitt, P. E., & Rositch, A. F. (2017). Hysterectomy-corrected cervical cancer mortality rates reveal a larger racial disparity in the united states. *Cancer*, 123(6), 1044-1050. [doi:10.1002/cncr.30507](https://doi.org/10.1002/cncr.30507)

Mitro, S. D., Dodson, R. E., Singla, V., Adamkiewicz, G., Elmi, A. F., Tilly, M. K., & Zota, A. R. (2016). Consumer product chemicals in indoor dust: A quantitative meta-analysis of U.S. studies. *Environmental Science and Technology*, 50(19), 10661-10672. [doi:10.1021/acs.est.6b02023](https://doi.org/10.1021/acs.est.6b02023)

Ward, Z. J., Long, M. W., Resch, S. C., Giles, C. M., Craddock, A. L., & Gortmaker, S. L. (2017). Simulation of growth trajectories of childhood obesity into adulthood. *New England Journal of Medicine*, 377(22), 2145-2153. [doi:10.1056/NEJMoa1703860](https://doi.org/10.1056/NEJMoa1703860)

See Appendix A for a list of official GW publications now archived in the HSRC.

A RECORD OF LIBRARIAN AND STAFF COMMITMENT

A total of seven members of the Himmelfarb Library community reached milestones for their years of service and commitment to The George Washington University this year, bringing the number of individuals with over ten years of service to 16 out of a staff of 27. Of these 16 individuals, 7 have served the University for twenty or more years. The librarians and professional staff of Himmelfarb Library bring a high level of enthusiasm, expertise, energy, and innovation to the work they do. It is reflected in the scope

of services provided from cataloging, reference and instruction to the wide-ranging collections we provide. Innovations introduced here include embedded librarians, systematic review support, extensive services to distance education students, and consultations on issues such as research impact and predatory publishers. This Annual Report chronicles many of the accomplishments of this dedicated group.

A RECORD FOR UTILIZATION OF THE COLLECTION AND SERVICES

The Himmelfarb Health Sciences Library continues to serve as the primary library for the School of Nursing, Milken Institute School of Public Health, and the School of Medicine and Health Sciences. The Library currently provides 24/7 electronic access to over 7,281 textbooks, 4,136 journals, and 118 databases to students on the Foggy Bottom campus, the Virginia Science and Technology Campus (VSTC), and in distance education programs. The Himmelfarb building provides extensive on-site access to online, print and audiovisual collections, as well as access to computers and study areas.

The 2016/2017 Academic Year saw an increase in use of the online collections as well as in services utilized. The Library's web page was viewed 8,584,602 times. The



MSI Orientation, Fall 2017



PAs on exam day at the Women's Board Teaching Classroom

one-stop search box, Health Information @ Himmelfarb, which many patrons use as a gateway to our collections, saw a 20% increase in the number of search sessions conducted. Following a quality review, 737 open access titles were added to the collection bringing the total number of unique electronic journals accessible through Himmelfarb to 4,149. Individual journals titles in the collection were accessed nearly 100,000 times more than in the previous year with the *New England Journal of Medicine*, *JAMA*, *PNAS*, *Health Affairs*, and *Nature* showing the highest usage. Electronic books in all disciplines saw a 63% increase in usage with the title, *Essentials of Health Policy and Law*, being accessed over 10,000 times last year. Other ebook titles with high usage included *Essentials of Nursing Research*, *Nursing Informatics and the Foundation of Knowledge*, and *Harrison's Principles of Internal Medicine*. The Library Research Guide on APA citing surpassed the 1 million mark in online uses. Educational support also grew in the 2016/2017 Academic Year.

Himmelfarb librarians were embedded in 43 courses with 105 sections in the School of Nursing and Health Sciences programs. Librarians also taught 1904 sessions with 23,893 attendees over the course of the year and actively supported 20 new systematic reviews in the 3 schools served.

OUTREACH AND COLLABORATION

The Himmelfarb Health Sciences Library prides itself on reaching out to faculty and students in order to provide the collection and services most needed by its patrons. Outreach can take many forms, i.e. surveys, informal conversations, e-mails, and attendance at committee meetings and faculty retreats. Outreach also extends beyond the University as librarians work with other health sciences libraries to ensure service continuity, explore new programs, and meet the needs of unaffiliated health professionals.

BIANNUAL STUDENT SURVEY

Every other year, the Himmelfarb Library surveys students to assess user experiences. During late fall 2016, students in the School of Medicine and Health Sciences, School of Nursing, and the Milken Institute School of Public Health were surveyed regarding services and information resources at the Himmelfarb Health Sciences Library. 458 students responded. Results indicate that students clearly value the Library's electronic collections, search tools, and study space. Search tools, such as MEDLINE/PubMed and Health Information @ Himmelfarb, were ranked as the most valuable library resources and electronic access to journals was the second most valuable service.

Preferred search tools varied across schools. The top 4 choices in medicine were PubMed/MEDLINE, DynaMedPlus, ClinicalKey, and Health Information @ Himmelfarb. The top choices in nursing were PubMed/MEDLINE, CINAHL, Health Information @ Himmelfarb, and ClinicalKey for Nursing, and the top choices in public health were PubMed/MEDLINE, Health Information @ Himmelfarb, RefWorks, and Scopus.

Overall click through to the full-text of journals is reported to be almost always or usually available. Students ranked all aspects of interlibrary loan/document delivery services highly, and most students are either very satisfied or satisfied with their interactions with library staff when they need assistance.

While most feedback was positive, areas for improvement were identified. Students asked for more e-content, particularly e-books and texts. They also requested more study rooms and quiet spaces. As a result of the survey, the Library's collections and acquisitions team made a real effort to expand the number of e-books available for student use to a total of 143,907 unique titles. We are also increasing our marketing efforts to ensure that we are reaching the greatest number of students to inform them of the tools and resources available to support their education and research.

CONTINUITY OF SERVICE AGREEMENT

Himmelfarb Library is generally open 24/7 during the academic year. Librarians and staff make every effort to ensure that collections and services are available on a continuous basis, offering reference services electronically when the University is closed for emergencies and responding to unexpected electronic resource downtime around the clock. This year, Himmelfarb executed an external continuity agreement with four academic health sciences libraries in four geographic regions outside the mid-Atlantic area (SUNY Upstate, Indiana University, University of Colorado and UT Southwestern) to ensure the provision of access to electronic resources via a remote web page and document delivery services for up to 3 days in a major disaster/emergency. The agreement

outlines a voluntary plan of cooperation among its partners to provide back-up services for each other in the event of a disaster, epidemic, or other situation that severely limits a library's ability to continue services.

PARTNERSHIP TO SUPPORT DC PUBLIC HEALTH PROFESSIONALS

The Himmelfarb Library partnered with the National Library of Medicine's Public Health Digital Library initiative to provide document delivery and assistance with research/instruction to public health professionals in the DC Department of Health. A joint team conducted a two-day workshop for the District of Columbia: Department of Health research staff and created handouts to guide these individuals on setting-up document delivery accounts, PubMed searching and using Mendeley to track research.

PARTNERSHIP WITH CHILDREN'S NATIONAL HEALTH SYSTEM LIBRARY

Himmelfarb Library continued its partnership with the Children's National Health Sys-

tem (CNHS) Library in an effort to improve access to information resources for hospital faculty, physicians, staff and students. Himmelfarb's shared resources with Children's National include: New England Journal of Medicine, Science Direct, Medline Complete, CINAHL Plus, and Serials Solutions. Reference librarians continued to work with GW faculty at Children's on research consultations, collection access issues, and instructional programs.

RESOURCE LIBRARY, NATIONAL NETWORK/LIBRARIES OF MEDICINE

Himmelfarb Library continues to serve as a resource library for the National Network/Libraries of Medicine, South East Atlantic Region and participates fully in the DOCLINE and OCLC document delivery networks.



MSI Orientation, Fall 2017

NEW EDUCATIONAL PROGRAMMING

Himmelfarb librarians regularly attend student orientations, conduct in-service workshops, make guest appearances in classes, and create online tutorials on topics related to student and faculty research, health informatics, and electronic resources. In the 2016/2017 Academic Year, librarians worked with faculty to introduce new or expanded education programs to meet emerging needs with regard to scholarly communication and research impact.

SCHOLARLY COMMUNICATIONS LECTURE AND PANEL SERIES

Designed to address the evolving landscape of scholarly communications and assist faculty getting published, measuring impact, and meeting funder compliance standards, the Updates in Scholarly Communications: Publishing, Impact, and Visibility, lecture and panel series was presented over spring 2017. It included sessions on: NIH Public Access Compliance, Predatory Publishing, Writing a Successful Scientific Abstract, Tips and Strategies for Promoting Research, Open Access Publishing, and Establishing a Web Presence. All sessions were live-streamed for offsite attendees and videorecorded for later viewing. Faculty from the Health Sciences, Medicine, and Public Health co-presented with library faculty. The sessions were well-received and the panel on predatory publishing was highlighted on the widely read Scholarly Kitchen blog. So the impact for this series goes well beyond GW.



Students at the WBTC (MSI Orientation, Fall 2017)

HEALTH SCIENCES FACULTY TENURE & PROMOTION

Working with health sciences faculty, three Himmelfarb librarians conducted a series of presentations on measuring and presenting research impact. Topics included Emerging Models of Measuring Your Scholarly Impact (which focused on the Becker Model), Supercharging Your Impact (which focused on researcher profiles and social networking tools), Bibliometrics 101, Putting Your Scholarly Achievements Into Context with Infographics, and Managing Your Data. This series of presentations was truly a collaborative effort between faculty and librarians who worked together to explore faculty information needs in this area. Plans call for an evaluation of this series to determine the need for additional panels on these and other related topics.

SYSTEMATIC REVIEW ELECTIVE

During the 2016/2017 Academic Year, the Library conducted 20 systematic and scoping reviews through its Systematic Review Service. Building on this experience, 3 Himmelfarb librarians designed and taught an elective on this topic during the spring and summer sessions of the SMHS school year. Designed to be an in-depth introduction to the systematic review process, the class incorporated active learning techniques, administrative tips, and a deep-dive into online research. Students developed individual systematic reviews, including identifying data sources, creating comprehensive search strategies, formulating inclusion/exclusion criteria, extracting data, managing results, and following PRISMA guidelines.

CONTINUING AND EXPANDED INITIATIVES

The Himmelfarb Health Sciences Library continued to support a number of broad school initiatives such as the annual Research Days program, the inclusion of technology to support education, the Healthy Living program, and the creation of tutorials and research guides for new and expanding programs.

RESEARCH DAYS SUPPORT

The Library organized a series of workshops for on-campus and DE students to help them prepare for Research Days 2017. Each workshop was offered in person and via WebEx. Each workshop was also recorded and is now available through a [research guide](#). Research Day Workshops included the following topics:

- The ABCs of Abstract Writing,
- An Overview of Effective Poster Design
- Show Off Your Data! How to Create Graphs, Pie Charts and Tables
- Link, Share, Publicize Your Poster!
- Poster Design and Layout
- Hands-On Poster Feedback Session
- How to Present your Poster and Wow the Judges!

Library faculty also conducted interviews with students presenting at GW Research Days 2017, and 15 edited [interviews](#) were shared publicly. 19 students were interviewed (7 from SMHS, 5 from GWSPH, 3 from SON, and 4 from SEAS). The videos will be used to promote events and services supporting Research Days, and new videos will continue to be added annually. Working with the GWSPH, librarians also created two surveys to assist in judging posters/presentations: the "2017 GWSPH Research Day Judging Criteria Abstract Survey" and the

"2017 GWSPH Research Day People's Choice Award."

Here are a few highlights from student interviews:

"I got to work with the National Cancer Institute, so that was huge. I didn't know that being in the MPH program was going to give me that kind of opportunity..." ~ Stephanie Purnell/ Milken Institute School of Public Health

"I've had really great mentorship at GW. I've enjoyed working alongside the attendings, the fellows, the residents -- it's been a really great atmosphere for me here." ~ Alex Sullivan/ School of Medicine and Health Sciences

"... really important to GW is having this great collaborative environment and letting medical students work with residents and researchers who have been doing this for a very long time and letting them (students) start research early in their medical career." ~ Spencer Brodsky/ School of Medicine and Health Sciences

"I have learned a lot about how to be a real professional scientist and ask those hard questions..." ~ Laura Venner /Milken Institute School of Public Health

"...I think it's great to see how nursing can really bridge into research. As new to the nursing field, I never really realized that was an option or what it entailed, so I thought that was a really great experience to have in my last semester." ~ Laura Hink/ School of Nursing (BSN)

Librarian support for student research continued throughout the year with presentations to the SMHS Research Track participants, a 5-part workshop entitled, "Refine Your Research Skills," for GWSPH graduate students, a 3-session WebEx research series for SON students, and research skills workshops for the Translational Health Sciences doctoral program.

ONLINE TUTORIALS AND RESEARCH GUIDES

Recognizing that many students are in distance programs or simply off-campus for clinicals, the Himmelfarb librarians worked this year to improve and expand their online reference/instructional materials. Key workshops were offered both in-person and via WebEx and videorecorded for post-session viewing. The Library's [tutorials page](#) was re-organized to make it easier to find instruction on software, databases, study design and other topics. New tutorials include the following: How to Work with a Librarian (in conjunction with SMHS Faculty Development office); Literature Reviews and Conceptual Frameworks (in conjunction with SMHS Faculty Development office); Show Off your Data! How to Create Graphs, Pie Charts, and Tables; Citations Made Easy; Scopus the Dream Research Database; and the ABCs of Systematic Reviews.

translational science, and wellness. The Library's guides on citing saw tremendous use in the last year with the APA research guide breaking the million users mark!

TECHNOLOGY UPGRADES TO SUPPORT EDUCATION

Students continue to use Library computers heavily to complete papers, conduct research, review skills, and analyze data. Several upgrades were made last year to workstations. In the Bloedorn Technology Center (BTC) on the third floor, all Windows workstations were migrated to Windows 10 over the summer. All workstations now also have licenses to run SPSS, a statistics software package that was on a limited number of workstations previously. Select Creative Cloud programs, including Photoshop, were added to Bloedorn workstations. In room B103, workstations now have the complete Adobe Creative Cloud Suite. The Multimedia

"There are currently 123 Research Guides...and 17 new guides were added in the last year."

The Library also launched a new [YouTube](#) channel for education and outreach. One year after its launch, it contains 98 tutorials which have been viewed an average of 420 times each!

[Research Guides](#) offer a means for the Himmelfarb Library to organize information around discipline specific topics such as anatomy and global health, individual courses, and emerging issues such as scholarly communications. Many are created at faculty and student request. There are currently 123 Research Guides available from the top level of the Himmelfarb home page. 17 new guides were added in the last year. New topics include author rights, researcher profiles, researcher services and support,

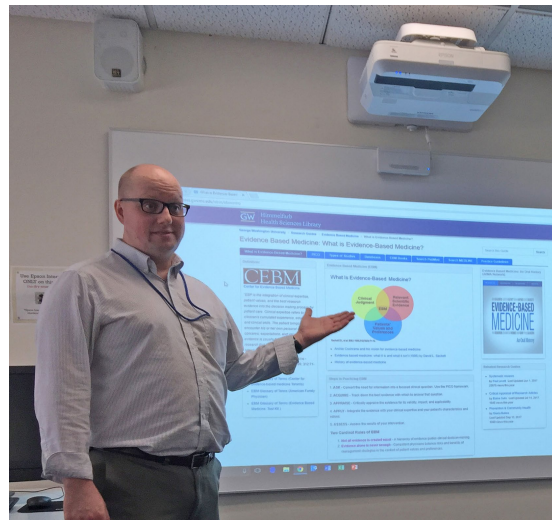
Workstation was upgraded and four new Dell Latitude E7250 laptop computers added to the media cart collection in early fall 2016 for checkout by faculty and students. Use of the media development cart/laptop stations created to assist faculty in the development of innovative, active learning materials remained steady in AY 2016/17.

Students and faculty can now check the [availability of workstations](#) in the BTC from their home or other locations on campus with a new computer availability service. The web page reports the number of workstations available in each room of the BTC at any given time. Currently the service is only available from on campus or VPN-connected devices.

Himmelfarb also responded to frequent user requests for charging devices to be made available for checkout by purchasing a number of lightning adapters for iPhones/iPads. The adapters also provide the means for users to store their electronic devices in our charging lockers as needed.

The Women's Board Teaching Center has a new, ceiling-mounted Epson LCD projector. It projects onto a newly-mounted SmartBoard and comes with special pens for "writing" on the board. The pens are currently available for loan on AV Reserve.

Last but not least, the Library introduced Medicine on the Go, an Emerging Technologies Black Bag Collection, which provides some cool new tools for students to put to the test, including digital blood pressure cuffs, pulse oximeters, otoscopes, an ECG, and even a portable ultrasound machine! Available at the Circulation Desk, the Digital Black Bag is used in conjunction with a personal iPad or smartphone.



Tom Harrod teaching with the new Epson LCD projector and SmartBoard in the WBTC

HEALTHY LIVING

Himmelfarb Library continued to offer its Healthy Living initiative offering games, yoga

mats, and other resources for taking a break from the hectic and sometimes grueling schedule of school. The Library also sponsored eight programs for students including the Secrets of the Healthy Cook, the Science of Good Cooking, Mindfulness Meditation, Buff & Blue Study Break, Coloring pages, and Study Tips.

THE LIBRARIAN IS IN

The "Librarian Is In" reference/consultation service continued at locations in the Milken Institute School of Public Health and the health sciences programs at 2000 Penn. Additionally, Himmelfarb librarians began to consult with distance education students using the WebEx online conferencing service, bringing off-campus students to the Library's reference service and allowing students to get to know librarians more personally than on e-mail or chat.

OUTREACH TO RESEARCH LABS

Recognizing the need to ensure that Library services and collections are fully utilized within labs, librarians visited a number of labs within Ross Hall and the Science and Engineering building to provide a brief presentation on Himmelfarb Library's access and resources. The presentations focused on how to access materials via Himmelfarb's customized PubMed link, Full-Text @ Himmelfarb buttons, Find It @ Himmelfarb buttons and document delivery, off-campus access, and extending research with Scopus and RefWorks. The labs have been very receptive to these short 15-30 minute sessions.

INFOGRAPHICS FOR OUTREACH AND INSTRUCTION

The Library continued to use social media for outreach via YouTube, Twitter, Instagram, Facebook and its own blog in order to reach users in ways that are convenient, pro-ac-

tive, and engaging. Most educational events were both livestreamed and video-recorded for off-campus attendees and librarians tweeted live from the Scholarly Communications Lecture and Panel Series. Fun, stress-relieving events such as the hula hoop flash mob were posted live on Face-

book. Finally, infographics were introduced as a new, concise and visual way to provide faculty and students with key information on topics such as predatory publishers and open access publishing. See Appendix B for sample infographics.



Students hula hooping during the Buff & Blue Study Break at Himmelfarb (Healthy Living @Himmelfarb event)

BEHIND THE SCENES

Much of what is reported in the Annual Report focuses on the outward facing side of the Library—outreach, instruction, programming. However, every day a large number of activities take place to ensure that the online journals are accessible, books are cataloged, computers are functional, and lights are on 24/7! Several areas where the Library focused this year on “behind the scenes” issues have already been discussed in this report—quality review of open access journals, expansion of the Health Sciences Research Commons as an archive of GW scholarly output, and an increase in the number of ebooks for student use. Other programs were undertaken this year such as an inventory of the print collection. One project is highlighted below because of its importance to both on and off campus users.

JOURNAL ACCESS AUDIT

The Serials Department conducted an access audit of the Himmelfarb electronic journal collection. The purpose of this project was to confirm and ensure proper linking for all subscribed journals, thus ensuring proper access to these resources for Himmelfarb patrons. Linking issues discovered during this project were resolved. 1,163 journal titles from the Himmelfarb journal collection list were targeted and reviewed. Of these titles, 1,123 (96.6%) titles were accurately linked and accessible. 12 titles were discovered to be no longer part of the collection and were unlinked. 28 titles were discovered with linking issues that were resolved. The most common linking issues included: bad links that required updates, no current content available, ceased titles that were removed from tracking, no online content, and resources that were not linked. This project represents an enormous undertaking in terms of volume and detail. Yet tasks

like this are necessary to keep the journal collection up and running for students and faculty.



Laura Abate, Electronic Resources librarian

COMPLIANCE WITH NIH PUBLIC ACCESS POLICIES

The Library continues to provide support for compliance with the NIH Public Access policy by working with faculty to ensure that publications are in compliance by sending alerts to NIH grant recipients regarding new publications and compliance. Full information on the policy is available at <http://libguides.gwumc.edu/NIHcompliance>. GW researchers are currently 95% compliant. The Library also provided faculty support for compliance with new access policies emerging in response to a memo released by the Office of Science and Technology Policy (OSTP) on February 22, 2013, directing Federal agencies with over \$100 million in annual conduct of research and development expenditures to develop a plan to support increased public access to the results of research funded by the Federal Government. A research guide outlining these emerging requirements was created in AY15/16, was updated in AY 16/17, and is available at <http://libguides.gwumc.edu/c.php?g=27840&p=1577547>.

FUTURE PLANS

The Library plans to undertake the following major initiatives in 2017/18:

- Migrate to the new WRLC integrated library system, which utilizes cloud-based computing to enhance collections and collaboration among Washington area academic libraries. It will allow for seamless discovery of Himmelfarb’s electronic and print collections and it will integrate with University systems for a stream-lined patron experience.
- Conduct a faculty survey of journal usage preferences and collection needs
- Expand the use of WebEx for educational programming and reference support to students in distance education programs
- Create a “Manage Your Instructional Resources” portal to support faculty in course development
- Implement the “Infobutton” to deliver evidence-based information in clinical settings
- Create a series of presentations on measuring and presenting research impact to support faculty with the promotion/tenure process and to assist in the promotion and tracking of research output through social media
- Explore the need for research data management services including ontology support, data visualization, and data curation
- Expand linkages to full-text, altmetrics, and bibliometrics in the Health Sciences Research Commons
- Compile reports on the impact of faculty publications within the SMHS, GWSPH, and SON
- Encourage the use of ORCids among faculty and doctoral students
- Create a student portal in the Health Sciences Research Commons to track and showcase student scholarship
- Develop an elective course in the SMHS on the effective use of media for information dissemination
- Update the Library’s web page for a fresh look and easier access to resources and services



Match Day 2017 celebration at Himmelfarb Library

WORDS OF THANKS

TO HIMMELFARB STAFF FROM OUR USERS

"Thank you for the information. You've made my day. Exactly what I was looking for." GW Alumnus

"Just wanted to reach out again and say thank you for the very informative session today! I really appreciate that you took a significant amount of time out of your day to show me the ropes on creating a systematic review." Medical student

"I wanted to say thank you so much for all the work you put into today's session. It truly hit the mark!! I loved your examples and I think you asked some provocative questions to get the students thinking. The panel also provided some nice insights." SMHS faculty

"First and foremost, I'd like to thank you many times for putting me in touch with Alex, who has helped me make a tremendous improvement in the format of the Nutrition and Obesity workshop sessions that I teach [with Alex] for the medical clerkship program. Alex was extremely gracious and...her feedback was extremely valuable..." SMHS faculty

"...I would like to thank you for the work that went into developing your [Study Design 101 page](#). I used it this spring in teaching a Biochemistry for non-science majors, and it was very helpful in teaching students to evaluate medical claims made in the media, and helping them learn to be better consumers of health and biochemical information." -Wabash College professor of Biochemistry

"I wanted to take this opportunity to tell you of the extraordinary supports the Himmelfarb staff have provided during the planning and implementation of the first semester of the PhD program in Translational Health Sciences...We feel so lucky to have the Himmelfarb Library as a resource, and this dedicated staff as colleagues. I thought you should know how much [you] have enhanced the students' experience." SMHS faculty



MSI Orientation, Fall 2017

"My students have been RAVING about you!! They are really enjoying meeting with you and learning how to put together their search strategies for the systematic review. In fact, one student told me last night that you're her favorite person on campus!!!" GWSPH professor to Himmelfarb librarian

"The librarians (both assigned to this course and at GW Himmelfarb in general) are amazing. Specifically Ms. Gisela Butera has been an incredible help. She is always willing to recommend a resource, and the online citation webinars she offers are very helpful as well. The librarian instant message chat is wonderful, too." SON professor

"On behalf of the DCAHSL Officers, we wish to thank you very much for the wonderful presentation you conducted on Scoping Reviews. Your presentation was well articulated and received. I look forward to exploring the topic further as you have already sparked my interest! Howard University librarian

"As an online tutor at National University, I occasionally direct students to academic websites for additional help with grammar and mechanics. I wanted to let you know that of all the online sources I have used, your online APA citation style website is the clearest and most comprehensive. Your page on formatting captions for figures in APA is particularly useful; it has so much more detail than the page at the Purdue University OWL, my other go-to site... Keep up the great work, and know that you have a huge fan here at National University!" National University Writing Center tutor

QUICK FACTS

HIMMELFARB HEALTH SCIENCES LIBRARY BY THE NUMBERS AY2016/17



PUBLICATIONS

JOURNAL ARTICLES

Gomes A.W., Butera G., Chretien K.C., and Kind, T. (2017). The Development and Impact of a Social Media and Professionalism Course for Medical Students. *Teaching and Learning in Medicine*, 29(3): 296-303 <http://www.tandfonline.com/eprint/9XMKSQy-7JSqQKSeqc4y2/full>

Harrod T. P. and Gomes, A. W. (2017). Creative Curriculum: The Experience of Writing and Teaching Formative Objective Structured Clinical Examinations (FOSCEs). *Medical Reference Services Quarterly*, 36(2):111-119, DOI: [10.1080/02763869.2017.1293968](https://doi.org/10.1080/02763869.2017.1293968)

Linton, A. (2016). Emerging Roles for Librarians in the Medical School Curriculum and the Impact on Professional Identity. *Medical Reference Services Quarterly*, 35 (4). <http://dx.doi.org/10.1080/02763869.2016.1220758>

Meier, E. R., Fasano, R. M., & Levett, P. R. (2017). A systematic review of the literature for severity predictors in children with sickle cell anemia. *Blood Cells, Molecules, and Diseases*, 65: 86-94. doi: [10.1016/j.bcmd.2017.01.014](https://doi.org/10.1016/j.bcmd.2017.01.014)

Sullo, E. (2017). Evidence Summary: Academic Librarians at Institutions with LIS Programs Assert that Project Management Training is Valuable. *Evidence Based Library and Information Practice*, 12 (3). <http://dx.doi.org/10.18438/B8TM1S>

Sullo, E. (2017). Evidence Summary: Chat Transcript Analysis Reveals that Undergraduate Students are Open to Instruction, while Instructors and Librarians Care about Supporting Student Learning. *Evidence Based Library and Information Practice*, 12(1), 128-130 <https://journals.library.ualberta.ca/ebliip/index.php/EBLIP/article/view/28653>

Sullo, E. (2016). Evidence Summary: Engi-

neering Faculty Indicate High Levels of Awareness and Use of the Library but Tend to Consult Google and Google Scholar First for Research Resources. *Evidence Based Library and Information Practice*, 11(3), 102-104. <https://journals.library.ualberta.ca/ebliip/index.php/EBLIP/article/view/27870>

Sullo, E. (2016). Evidence Summary: Open access papers have a greater citation advantage in the author-pays model compared to toll access papers in Springer and Elsevier open access journals. *Evidence Based Library and Information Practice*, 11 (1). <http://dx.doi.org/10.18438/B84W67>

Sullo E., and Gomes A.W. (2016). A Profession without Limits: The Changing Roles of Reference Librarians. *Medical Reference Services Quarterly*, 35(2): 145-157. <https://hsrc.himmelfarb.gwu.edu/libfacpubs/26/>

POSTERS

Abortion as a Topic in Medical Education: Meeting the Challenge. Frank, J.; G. Butera; and S. Kakar. Presented at the 7th World Congress on Women's Mental Health, Dublin, Ireland, June 2017. https://hsrc.himmelfarb.gwu.edu/smhs_medicine_facpres/11/

Anatomical Knowledge Retention in Changing Curricula. Lean, A; Lee, J.; Goldman, E.; Butera, G.; Brown, K.; Jurjus, R.A. (Poster Presentation) GW Research Days 2017. https://hsrc.himmelfarb.gwu.edu/gw_research_days/2017/SMHS/2/

Data Mining: Using E-Book Data to Visualize and Analyze a Collection. Lee, Y.; Abate, L.; and J. Silverman. Presented at the 2016 Joint Annual Meeting of MAC, PHL, NY/NJ Chapters, September 25-28, 2016 in Philadelphia, PA. <https://hsrc.himmelfarb.gwu.edu/lib->

[facpres/88/](https://hsrc.himmelfarb.gwu.edu/libfacpres/88/)

Leading by Example: Diving into Research. Gomes, A.; Butera, G.; A. Linton; and T. Harrod. Presented at the 2016 Joint Annual Meeting of MAC, PHL, NY/NJ Chapters, September 25-28, 2016 in Philadelphia, PA. <https://hsrc.himmelfarb.gwu.edu/libfacpres/86/>

Ramp Up for Research Days: On-Campus + Online = Success. Corbett, M.; McDonald, B.; Butera, G., Jones, V.; and A. Ankersen. Presented at the 2016 Joint Annual Meeting of MAC, PHL, NY/NJ Chapters, September 25-28, 2016 in Philadelphia, PA. <https://hsrc.himmelfarb.gwu.edu/libfacpres/87/>

What's Your Brand? Teaching Students to Leverage Social Media to Launch Their Career. Gomes, A.; Butera, G.; and Linton, A. Presented at the Annual Meeting of the Medical Library Association, Seattle, WA, May 2017. <https://hsrc.himmelfarb.gwu.edu/libfacpres/89/>

PRESENTATIONS

Medical Libraries to the Rescue: Meeting Critical Institutional Goals. Linton, A. Panel presentation at the Annual Meeting of the Medical Library Association, Seattle, WA, May 2017. <https://hsrc.himmelfarb.gwu.edu/libfacpres/90/>

New Roles for Librarians Supporting Clinical Public Health. Anne Linton and Alexandra Gomes, presented at the International Congress on Medical Librarianship Meeting, Dublin, Ireland, June 2017.

Open Access and Institutional Repositories. Bueter, R. and M. Heselden. Presented at the Meeting of the DC Area Health Sciences Librarians Group, Washington, DC, November 2016.

RESEARCH COLLABORATIONS

Anatomical Knowledge Retention by Medical Students Prior to Surgical Rotations in Various Curricular Models. Rosalyn Jurjus, MD, PhD; Kirsten Brown, PhD; Gisela Butera, MLIS; Juliet Lee, MD; and teams at American University of Beirut and University of Balamand, Lebanon; University of Palermo, Italy; and Monash University - Clayton, Gippsland and Malaysia campuses, Australia. (Funded by IAMSE)

Examining the Impact of Implicit Bias on Clinical Decisions by Medical Students. Carol Rentas, PhD, MEd, MT (ASCP), Aileen Chang, MD, MSPH, Alexandra Gomes, MSLS, MT, Cara Lichtenstein, MD, MPH, Grace Henry, EdD, MEd, Jehan El-Bayoumi, MD, FACP, Yolanda Haywood MD, Medical and Health Science Education Research Grant, The George Washington University, March 2016.

Senior Clerkships in Medical Education: (Re) Defining Evaluation & Remediation. Steven Davis MD, James Reese Jr. MD, MPH, Alexandra Gomes MSLS, MT, Kathleen Calabrese, MD (Medical Education Research Grant)

University Seminar: *Creating a Culture of Collaboration at George Washington University (C3@GWU): Collaborative Technologies and Informetrics Think Tank*. Convener: Gaetano R. Lotrecchiano. Committee members: Anne Linton, MS, MA, Alexandra Gomes, MSLS, MT <https://blogs.gwu.edu/collaborativeculture/>

UNIVERSITY COMMITTEES

Librarians served on the following University committees:

- University Hospital's Patient Education Committee
- University Hospital's Nursing Research Council
- School of Medicine's Educational Technology Committee
- School of Medicine's Practice of Medicine (POM) Group
- School of Medicine's Clinical Skills and Reasoning Group
- School of Medicine's Themes Subcommittee
- School of Medicine's Pre-clinical and Clinical Groups
- The George Washington University's Committee on Human Research/Institutional Review Board, Panels #1 and #2
- Faculty Senate Committee on Libraries
- GW Burns Law Library Promotions Committee
- GW Software Licensing Working Group
- GW SMHS Admissions Committee
- MD Program Healthy Living/Be Well Committee
- SMHS Peer Teaching Consultant Roster
- GW Research Days Planning Committee

Librarians served on the following national committees:

- AAMC Group on Information Resources
- AAHSL Committee on Research (Association of Academic Health Sciences Libraries)
- Editorial Board, Journal of the Medical Library Association
- MLA/Mid Atlantic Chapter Board, 2017 Chair-Elect
- MLA/Mid Atlantic Chapter 2017 and 2016 Program Committee (Medical Library Association)
- MLA/Mid Atlantic Chapter Professional Development Committee
- MLA/Mid Atlantic Chapter Research and Assessment Committee
- MLA/Mid Atlantic Chapter Communications Committee
- MLA Systematic Review Committee
- MLA Research Curriculum Committee
- Educause/ECAR Working on Data Curation
- Three Himmelfarb librarians are distinguished members of the Academy of Health Information Professionals.

APPENDIX A: GW PUBLICATIONS IN THE HSRC

Cuentos (Medical Faculty Associates)

Cuentos is the humanities magazine of The George Washington University [Medical Faculty Associates Department of Internal Medicine](https://hsrc.himmelfarb.gwu.edu/mfa_cuentos/). The first issue was titled Sueños.

https://hsrc.himmelfarb.gwu.edu/mfa_cuentos/

Fusion (School of Medicine and Health Sciences)

Fusion is the annual student-run scientific journal of The George Washington University's William H. Beaumont Medical Research Honor Society. It was created to showcase student achievements in basic science and clinical research, public health, medical education, and international health-related travel experiences.

https://hsrc.himmelfarb.gwu.edu/smhs_fusion/

GW Nursing (School of Nursing)

GW Nursing magazine is published annually for The [George Washington University School of Nursing](https://hsrc.himmelfarb.gwu.edu/son_gwnursmag/).

https://hsrc.himmelfarb.gwu.edu/son_gwnursmag/

Medicine + Health (School of Medicine and Health Sciences)

Medicine + Health is published regularly by the Office of Communications and Marketing of the School of Medicine and Health Sciences at The George Washington University. Visit gwmedicinehealth.com for more information.

https://hsrc.himmelfarb.gwu.edu/smhs_medhealth/

Neurotransmitter (Neurology)

Neurotransmitter is the magazine of The George Washington Institute for Neuroscience and The George Washington University Hospital's Neurological Institute.

https://hsrc.himmelfarb.gwu.edu/smhs_neuro_neurotransmitter/

RE: (School of Medicine and Health Sciences)

RE: is the GW Cancer Center's award-winning magazine, featuring the university's mission to support innovative research, personalized patient care, and cancer policy in the nation's capital. With each edition, the magazine's name changes to reflect a key area of emphasis for the GW Cancer Center.

https://hsrc.himmelfarb.gwu.edu/smhs_re/



"Bone-a-parté"

APPENDIX B: INFOGRAPHICS

All About Health Sciences Research Commons

A digital repository and archive of the GW health sciences communities
 hsrc@gwu.edu or 202-994-8357

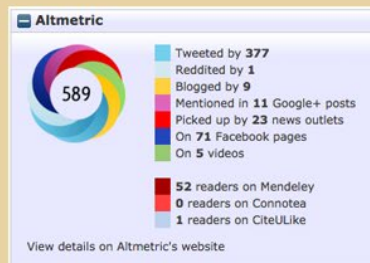
Global Readership Distribution



8,600 entries and growing!
 Over 200,000 downloads of GW Health Sciences scholarship since 2012
 33 departments, 4 faculty run publications, 2 centers

Why submit your work?

- Link to your work on CVs and Job applications
- Make your work discoverable via Google Scholar
- Share your work with a global community of scholars
- Store your work in one permanent and persistent location
- Measure your impact and metrics on work



What is your Altmetric score?
 Measure your Impact by locating your work's Altmetric score, which tracks mentions and shares through social media, blogs, and news channels.

What type of work can be submitted to HSRC?
 Articles
 Book chapters
 Datasets
 Conference papers
 Departmental publications
 Lectures
 Links to audio or video
 Posters
 Presentations
 Teaching materials
 Working papers...and more!

How do I submit my work?

- 1.) Create your HSRC author account at: hsrc.himmelfarb.gwu.edu
- 2.) Choose the appropriate collection, click "Yes" to the author agreement, and upload a copy of your work
- 3.) Receive a new persistent URL where you can access your work and share with others!

HSRC infographic (Meaghan Heselden and Andy Puro)

Himmelfarb E-Book Collection at a Glance

As of 2017

E-Book Count
4246

Annual E-Book Usage
270,000+

E-Book Growth by Decade

| Decade | Title Count |
|--------|-------------|
| 1980's | 6 |
| 1990's | 97 |
| 2000's | 1183 |
| 2010's | 3104 |

Top E-Books

- School of Medicine & Health Sciences: *Pediatric Primary Care*
- School of Public Health: *Essentials of Health Policy and Law*
- School of Nursing: *Essentials of Nursing Research*

Infographic by Yvonne Lee (yvylee@gwu.edu): Himmelfarb Library, Print Resource Specialist

E-book collection infographic (Yvonne Lee)

Evaluating Predatory Journals

Predatory journals are journals that charge publication fees to authors without providing legitimate peer review services prior to publication.

JOURNAL WEBSITE

- Spelling & grammatical errors
- Broad journal scope
- No "About Us" page
- Insufficient contact information
- False metrics & indexing claims
- Street address questionable for business (search Google Maps street view)



PUBLISHED ARTICLES

- Few or no published articles available
- Numerous articles by same author(s)
- Inappropriate article titles & abstracts
- Articles aren't well researched
- Ask authors about experience with journal



EDITORIAL BOARD

- Editorial board not listed on website
- Editors aren't recognized experts in field
- Names used without knowledge or permission
- Editors have no or fake credentials
- Ask editors about experience with journal



UNSOLICITED E-MAIL INVITATIONS

- E-mail invitation to publish or review
- Poorly written (awkward or unprofessional language)
- Spelling or grammatical errors
- Filled with flattery



RAPID PUBLICATION & UNCLEAR FEES

- Promise of rapid publication
- Unclear or loose peer review process
- Unclear fee structure
- Insufficient "Instructions for Authors"
- Author fees aren't comparable with reputable journals



TRUST YOUR INSTINCTS

Need additional help?
Contact Ruth Bueter, Serials Librarian
rbueter@gwu.edu - 202-994-9756

Predatory Journals infographic (Ruth Bueter)

Predatory vs. Legitimate Journals: Can you tell the difference?

Number of Journals Reviewed by Category:
Predatory: 93 Journals Open Access: 99 Journals Subscription: 100 Journals

Key Predatory Journal Characteristics

- Broad journal scope
- Spelling & grammatical errors
- Distorted or unauthorized images
- Homepage targets authors
- Email manuscript submission
- Rapid publication promises
- Low article processing charges
- No retraction policy
- Poor description of manuscript handling process
- Promotes questionable index/copernicus value
- Digital preservation information lacking
- Generic contact email address (gmail, yahoo, etc.)
- Copyright information lacking

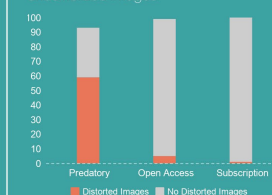
Website Spelling & Grammatical Errors

87% of websites that contained spelling or grammatical errors were predatory journals.



Use of Distorted or Unauthorized Images

59% of predatory journal websites contained distorted, fuzzy, or potential unauthorized images.



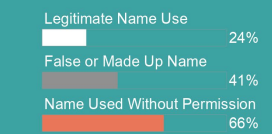
False Editorial Staff

Percent of false or made up editors, journal staff, or editorial board members per category.



Predatory Editor Names Used Without Permission

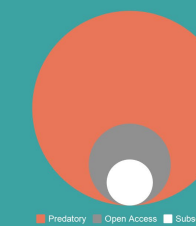
Predatory journals had drastically higher instances of fake or falsified editorial staff.



This issue was only found in 3 open access and subscription journals.

Speed of Publication

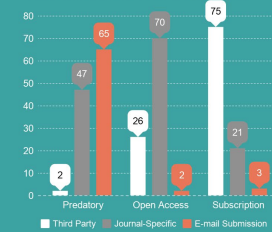
Journals promising "rapid" publication.



Article Submission System

Email manuscript submissions were required by majority of predatory journals.

Few open access & subscription journals used email manuscript submission.



Source:

Shamsseer, L., Maher, D., Maduelwe, O., Turner, L., Barbour, V., Burch, R., & Shea, B. J. (2017). Potential predatory and legitimate biomedical journals: can you tell the difference? A cross-sectional comparison. BMC Medicine, 15(1), 28. doi:10.1186/s12916-017-0785-9

Want more information?
Contact Ruth Bueter, Serials Librarian
rbueter@gwu.edu 202-994-9756

Predatory Journals infographic (Ruth Bueter)