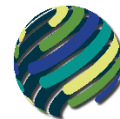


“Research at LLUH & GRASP International”



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Wesley James, MA, MPH
Manager, Strategic Research Alliances

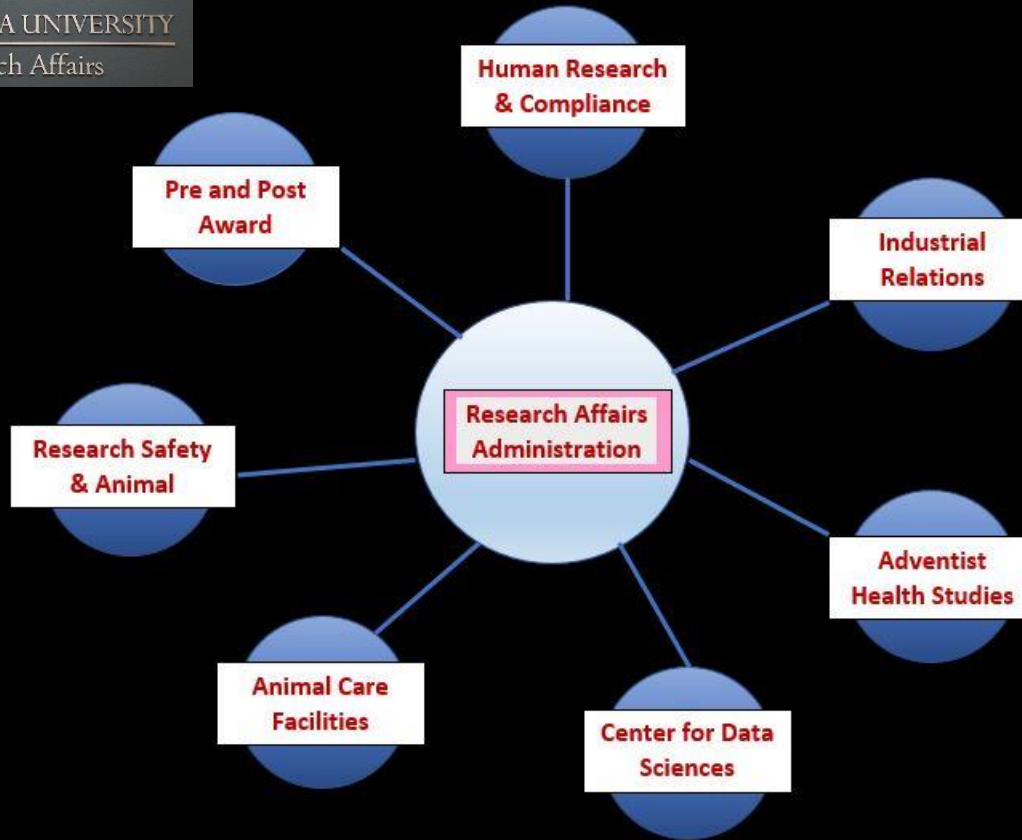


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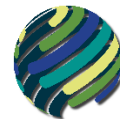
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Research Affairs

Research Affairs Departments



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Leadership in Research Affairs



— 2023 —
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Administrative Committees to Support Research

Administrative Committees:

- IRB – Institutional Review Board
- IACUC – Institutional Animal Care and Use Committee
- IBC – Institutional Biosafety Committee
- IPC – Institutional Patent Committee
- ROC – Research Oversight Committee
- RSC – Research Services Committee



Current Status of Research at LLUH



Michael R. Samardzija, PhD, JD Vice President, Research Affairs

“Loma Linda University Health has been awarded more than \$85 million in grants (in FY 2023) . . . the highest annual amount the organization has ever received.”

“This is great to see what has happened to our research infrastructure across the board with an increased focus on grant proposal submissions, even during what was an incredibly busy and disruptive past year.”

“The \$85 million in awarded grants comprises 104 projects . . . many grants are multi-year funding for an initiative over several years.”



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**A New Record in Grant Awards – FY
2023**



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Current Status of Research at LLUH

Proposals



Fiscal Year	Amount Requested	Applications Submitted	Average Amount per Request	Median Amount
2015	\$136,026,881	177	\$772,549	\$230,620
2016	\$143,791,312	179	\$808,366	\$286,340
2017	\$171,324,102	199	\$861,022	\$237,000
2018	\$175,425,064	203	\$892,229	\$188,517
2019	\$148,474,681	172	\$894,691	\$299,286
2020	\$200,961,291	257	\$799,307	\$230,661
2021	\$258,284,089	228	\$1,177,844	\$249,954
2022	\$214,565,691	203	\$1,091,819	\$300,200
2023	\$317,878,779	211	\$1,527,517	\$439,960



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Proposals Submitted in FY 2023



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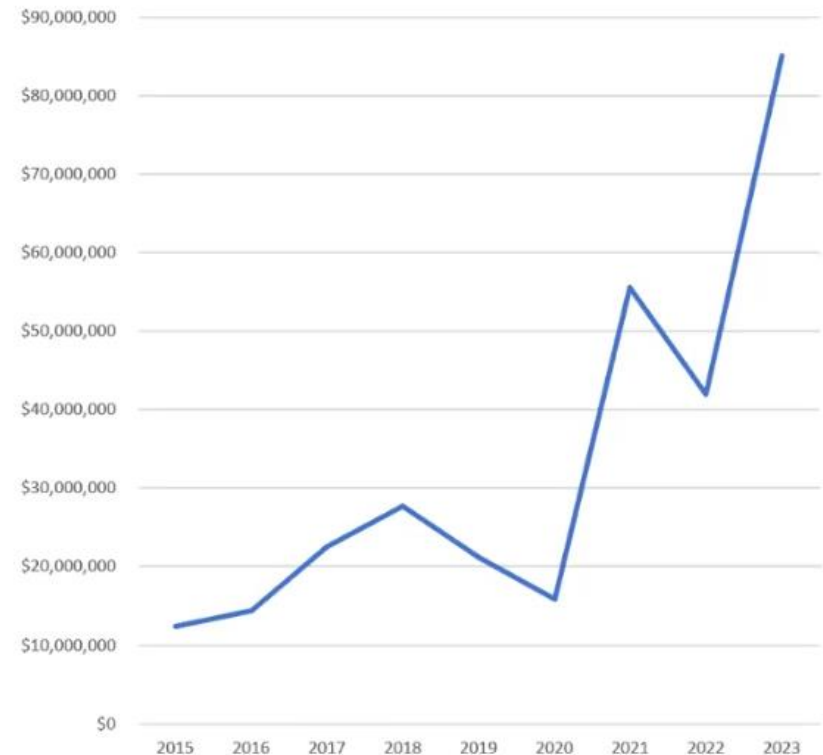
Current Status of Research at LLUH

LLUH new funding by fiscal year



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Fiscal Year	Amount awarded	Number of awards
2015	\$12,449,696	39
2016	\$14,416,382	42
2017	\$22,525,002	43
2018	\$27,666,094	78
2019	\$21,209,168	43
2020	\$15,842,514	50
2021	\$55,473,098	59
2022	\$41,962,403	79
2023	\$85,154,725	104



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Grants Awarded in FY 2023



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Current Status of Research at LLUH

FY23 New Grants & Contracts by Type



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Type	No. of Projects	Value
Construction/Infrastructure	4	\$4,948,214
Research	59	\$18,494,299
Service	17	\$44,668,368
Training	24	\$17,043,844
Total	104	\$85,154,725



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Types of Grants & Contracts



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Grants Received in Recent Years

Aleta Savage, MBA, CRA Assistant Vice President for Research Operations, Research Affairs



Grants received:

- FY ending 2021 - \$57 million
- FY ending 2022 - \$42 million

Purpose of Funding:

- Research
- Training to serve specific people groups
- Service projects

Sources of Funding:

- Government - Federal & State – NIH, CDC, DOD, HRSA, NASA, etc.
- Non-Government – Foundations, Industries, Private Sponsors, etc.



Peer-reviewed Publications



Danilo Boskovic, PhD
Assistant Professor, Basic Sciences

- Five-year (2017-2021) average: 1,255 peer-reviewed publications per year
- Projection for early 2024 – will cross 30,000 total publications since 1973



Seventh-day Adventist Universities with medical schools

- **Argentina**

Universidad Adventista del Plata (River Plate Adventist University), Entre Ríos, Argentina



- **Mexico**

Universidad de Montemorelos (University of Montemorelos), Montemorelos, Nuevo León, Mexico



- **Nigeria**

Babcock University, Ilishan-Remo, Ogun State, Nigeria



- **Peru**

Peruvian Union University, Nana, Lima, Peru



- **Philippines**

Adventist University of the Philippines, Silang, Philippines



- **Rwanda**

Adventist University of Central Africa, Kigali, Rwanda



- **United States**

Loma Linda University, Loma Linda, CA, United States

Adventist University of Health Sciences, Florida Hospital, FL, United States



Promoting Collaborative Research

GRASP Int'l



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Grants for Research and School Partnerships
<https://researchaffairs.llu.edu/>

GRASP-Int'l

LOI Due Date	Late March – To be announced
Application Due Date	September XX, 202X
Award Announcement	Late December before starting year
Number of Co-PIs	2 (1 LLU faculty, 1 Int'l Adventist institution healthcare provider or faculty with a advanced degree)
Total Awarded Amount	\$75,000
Duration of Award	Up to 24 months
No. of Awards per cycle	To be determined
PI / Co-I Salary Support	NO
Budget Restrictions	Only non-faculty salaries and wages are permitted. Award may not be used for equipment costing \$5,000 or more (unless justified), or IDC.
Performance Site	Conducted at LLUH or Int'l Adventist institution site
Publications	At least 1 peer-reviewed publication within the past year by either PI
Prior Awardees	a. Had published/accepted for publication 1 or more manuscripts, or b. Submitted at least 1 extramural application
Revised Application	Include 1 page introduction

Contact:

Wesley James, MA, MPH, Manager, Strategic Research Alliances
wjames@llu.edu



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Global Research



GRASP International – Its Purpose

- To promote collaborative research between LLUH and its sister institutions around the world – medical schools, universities, and healthcare institutions.
- To provide customer service and training for researchers interested in global collaborative research.
- To engage in capacity building.
- To engage in quality research that will result in publications according to NIH standards.
- To establish a global cohort.



GRASP International Applications (Seven-year summary)

Year of Application	Number of Applications	Number of Countries (+USA)	Number of Awards	Year of Implementation
2017	1	2	1	2018
2018	0	0	0	NA
2019	1	2	1	2020
2020	6	7	3	2021
2021	9	7	1	2022
2022 (Revised Application)	2	3	2	2022
2023	4	5	TBD	2024



GRASP International Awards

(Six-year summary)

Year of Application	Year of Implementation	Number of awardees	Awardee Institution(s)
2017	2018	1	Universidad Adventista del Plata, Argentina
2018	NA	NA	NA
2019	2020	1	Universidad Adventista del Plata, Argentina
2020	2021	3	Babcock University, Nigeria Malamulo Hospital, Malawi Universidad Adventista del Plata, Argentina
2021	2022	1	Babcock University, Nigeria
2022 <i>(Revised Application)</i>	2022	2	Andrews Memorial Hospital, Jamaica Adventist University of Africa, Kenya



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Global Research



GRASP International Awardee Institutions



**Universidad Adventista Del Plata
Argentina**



**Babcock
University
Nigeria**



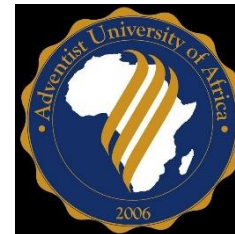
LLUH - Sponsor



**Andrews
Memorial Hospital
Jamaica**



**Malawi
Adventist University
Malawi**



**Adventist
University of Africa
Kenya**



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