

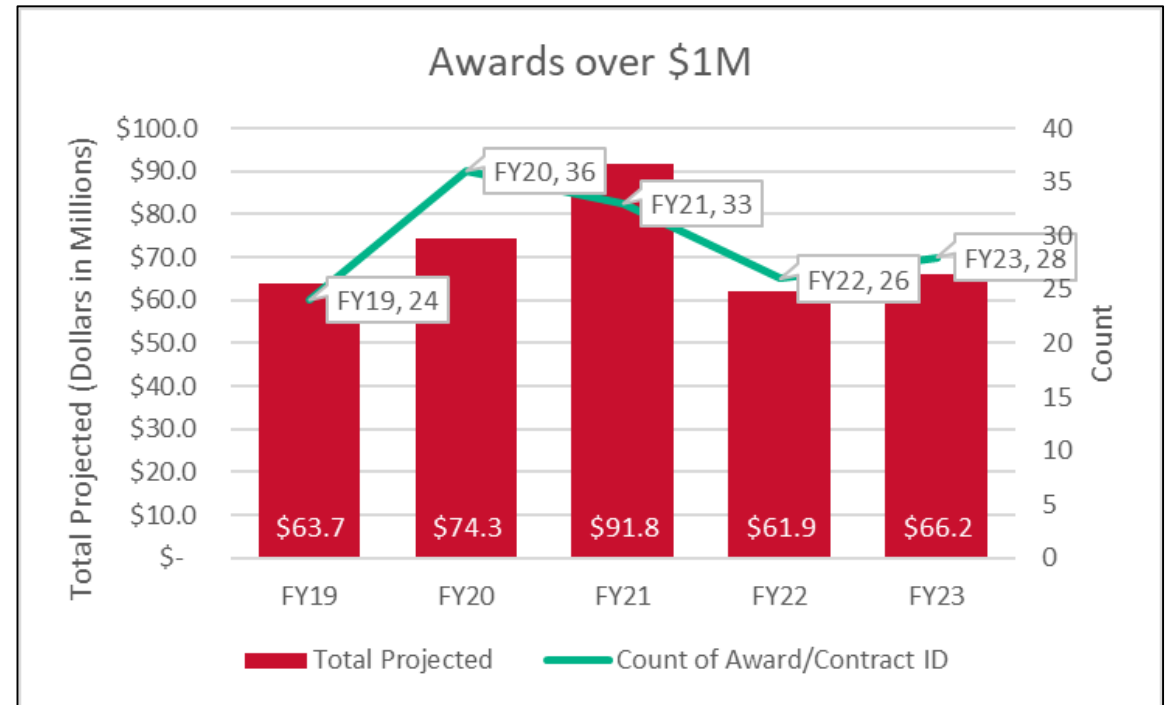
Annual Report on Awards Over \$1 Million

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Interim VC/VP for Research

Awards Over \$1 Million at UH During FY19-23

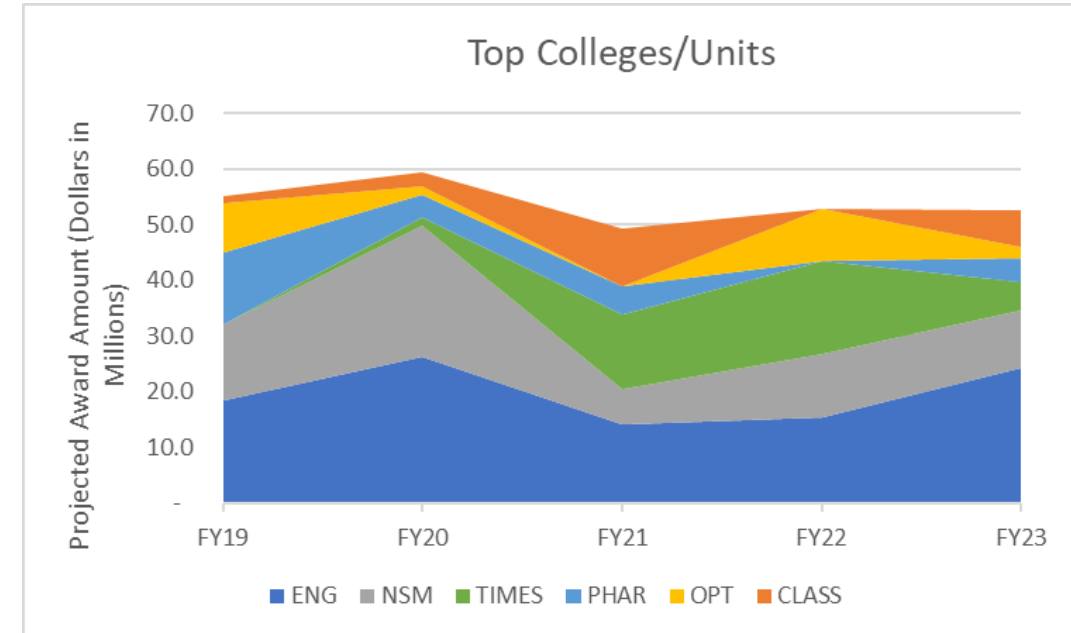
- During FY19-23, UH received 1,517 awards with total projected award amounts of \$661.3 Million
- **During FY19-23, UH received 147 awards over \$1M**
 - **Total projected award amounts: \$357.8 Million**
 - Average projected award amount: \$2.43 Million
- Almost 50% of awards with total projected award amounts over \$1 Million over the past five years (FY19-23) come from agencies in Health and Human Services (mostly NIH)

Agency	Count	Projected Amount
NIH/HHS	72	\$ 172,196,254
Texas Agencies/CPRIT	10	\$ 33,891,973
U.S. Department of Energy	8	\$ 21,961,765
U.S. Small Business Administration	6	\$ 19,941,613
U.S. Department of Education	7	\$ 19,753,776
National Science Foundation	13	\$ 19,371,689
Other	31	\$ 70,706,872
TOTAL	147	\$ 357,823,942



Highlights of Awards Over \$1 Million During FY19-22

- **Energy**
 - ARPA-E: Lithium- and transition metal-free high-energy fast-charging batteries (FY 22: \$3.4M, Y. Yao, CCE)
- **Materials/Advanced Manufacturing**
 - Microsoft Corp: Low Thermal Conductivity Superconducting Microwave Transmission Lines to Enable Quantum Computing (FY20: \$1.1M, V. Selvamanickam, CCE)
- **Digital Humanities**
 - Andrew W. Mellon Foundation: El proyecto de la literatura puertorriqueña (FY21, \$1.4M, G. Baeza Ventura, Arte Publico and Hispanic Studies)
- **Health**
 - NIH: Health Center for Addictions Research and Cancer Prevention (FY21: \$14.9M, E. Obasi, College of Education)
- **Education**
 - Dept. of Education: Center for Success of English Learners (FY21: \$10.0M, D. Francis, TIMES/CLASS)

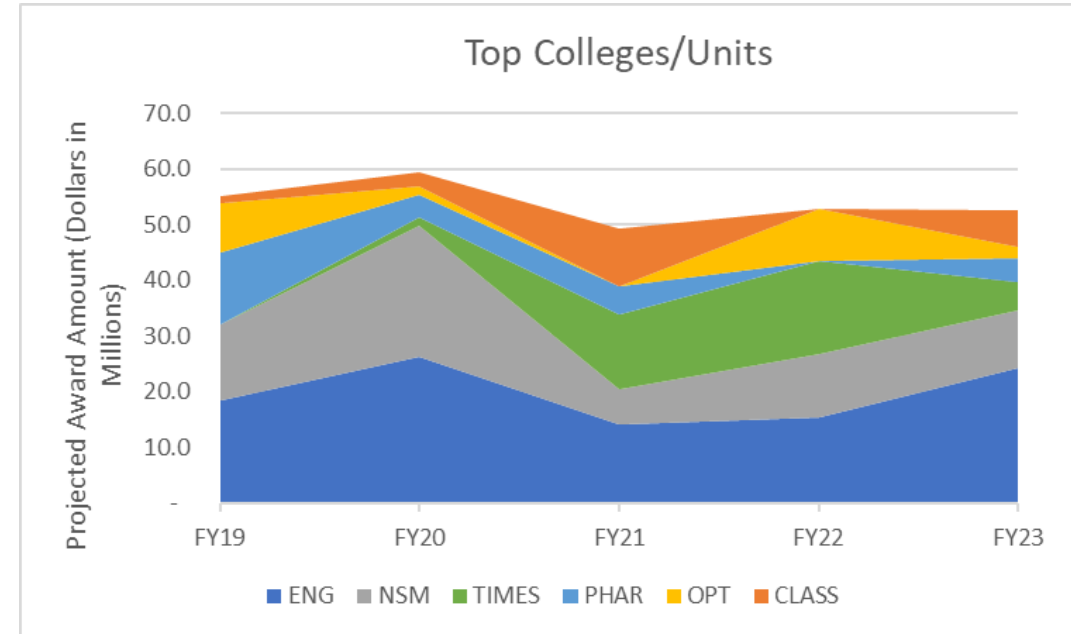


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Core Facilities
ULCRS



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— UH FY23 Highlights

- **28 awards over \$1 Million** (7.7% of all awards): **\$66.2 Million** (52.0% of total project award amounts of all awards)
- **Welch Foundation** Catalyst for Discovery (TX Foundation): Two of the four awards came to UH
 - Welch Center for Advanced Bioactive Materials Crystallization (J. Rimer, CCE, \$5.0 M)
 - Enabling Polyolefin Circularity via Chemical Functionalization, Compatibilization, and Upcycling (M. Robertson, \$4.0M)
- **U.S. Department of Transportation**
 - Transportation Cybersecurity Center for Advanced Research and Education (Y. Zhang, CCE, \$2.0 M with total anticipated funding of \$10 M)
- **NIH** No-touch High Resolution Optical Coherence Elastography of the Cornea Using a Heartbeat (K. Larin, \$3.2M, CCE): Sensitive, high-resolution imaging platform for in utero imaging of the fetal brain
- **Houston Endowment:** Development and Implementation of an Alternative Certification Program (C. Horn, Education, \$3.5 M): Getting new teachers into the classroom more quickly

Materials/Energy

Cybersecurity

Health

Education

UHD/UHV/UHCL FY23 Highlights

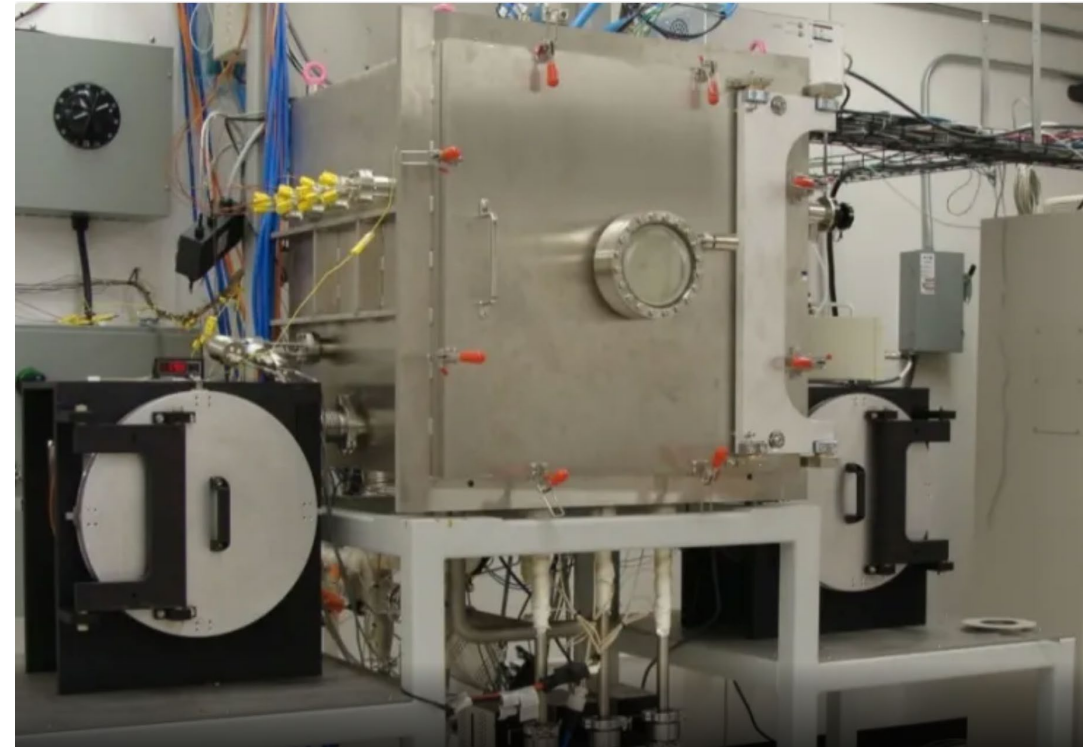
- UHD, UHV, and UHCL received a total of 10 awards over \$1 Million
 - Total projected award amount: \$18.9 M
- 9 Department of Education Awards
 - UHD: \$12.2 M (6 awards)
 - UHCL: \$2.63 M (2 awards)
 - UHV: \$1.57 M (1 award)
- 1 Department of Commerce Award
 - UHD: \$2.47M: NIST-Connecting Minority Communities Pilot Program



— A Glimpse Into the Future: UH in FY24

- **Professor Craig Glennie**, professor of civil and environmental engineering and director of engineering defense research initiatives, is leading the **\$63.5 million** contract by the **U.S. Department of Defense** to help the Army make effective and timely decisions to gain dominance over adversaries.
- **Professor Venkat Selvamanickam**, professor of mechanical engineering and director of the Advanced Manufacturing Institute, received a 3-year, **\$2 million DOE ARPA-E** award, titled “Low-Cost, High-Rate Fabrication of High-Performance, Uniform, Long ReBCO* Conductors.”
- **Professor Jeannette D. Alarcón**, associate professor and program director received a five-year, **\$3.3 million** grant from the **U.S. Department of Education** for the “University of Houston Partnership to Develop Equity-Minded Educators (UH PDEE)”: K-12 teaching certificates followed by a Master's degree to prepare future leaders in education.

*ReBCO: Rare-earth Barium Copper Oxide



Superconductor wire fabrication in Dr. Selva's lab

TO SERVE

We serve the research community by satisfying client requirements, ensuring research compliance, and protecting the University's intellectual and financial interests.

TO LEAD

We lead the university by managing institutional research priorities and supporting a broader view of individual and small-group research.