

4-VA at UVA: Powering Progress

4-VA at UVA continues to drive cutting-edge research through its Collaborative Research Grants (CRG) Initiative, which offers two funding mechanisms: primary awards for UVA faculty serving as lead PI, and complementary awards for UVA faculty serving as Co-PI on projects led by other 4-VA institutions. In the 2024 cycle, 13 primary awards addressed diverse topics from environmental adaptation to cloud security and machine learning resilience, with many directly impacting daily life—reducing social isolation in older adults, assisting blind individuals, preventing workplace injuries, enhancing online shopping, and lowering consumer electronics costs. Additionally, 17 UVA faculty received complementary awards.



\$402,000

Primary funding

\$85,000

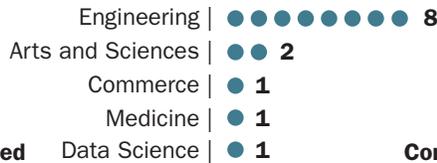
Complementary funding

\$487,000

Total investment

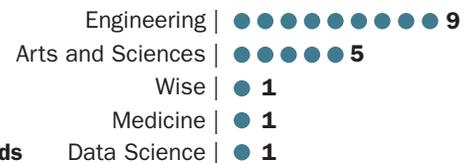
13

Primary Projects Awarded



17

Complementary Funding Awards



OUTCOMES WITHIN THE FIRST YEAR

Barely a year after their initial 4-VA CRG award, 2024 CRG primary funding recipients were actively engaged in disseminating their findings and pursuing external funding awards. Much of this work remains ongoing, with the impact continuing to magnify over time.

7

manuscripts were accepted or under review in peer-reviewed journals

8

projects were accepted to present findings at a conference

5

faculty have already applied for external funding; 8 are preparing to apply

2

faculty have been awarded external funding; 2 additional projects are pending decisions

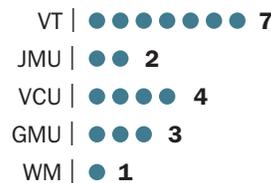
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team is pursuing a patent

PRIMARY CRG COLLABORATIONS

4-VA at UVA brings together complementary expertise and multidisciplinary perspectives, enabling researchers to integrate diverse viewpoints and leverage varied strengths and resources that no single institution possesses.

Number of UVA partnerships across 4-VA institutions



11

projects included new collaborations with external Co-PIs

10

projects led to subsequent projects between UVA faculty and external Co-PIs

PREPARING THE NEXT GENERATION

Primary CRG awards are playing a crucial role in training the next generation of scholars. Students involved in the projects developed not only their technical research skills but also learned the benefits of collaboration across disciplines, the inevitability of challenges and even failure, and the importance of strategic decision-making.

100%

of projects included students

51

Total students involved



● = 23 undergraduate

▲ = 28 graduate



For more information about 4-VA at UVA

