Table 1. Summary of Similar Projects

|  |  |  |  |
| --- | --- | --- | --- |
|  | Dataverse.org | Arxiv.org | OSF |
| Host Institute | Institute for Quantitative Social Science (IQSS) | Cornell University Library | Center for Open Science |
| Harvard | Cornell | U. of Virginia |
| Project Focus | Data repository | Preprint archive | Open Scholarship |
| Development Status | Active | Operation-focused | Active |
| Date Began | [2007](https://gking.harvard.edu/files/dvn.pdf) | 1991 | 2013 |
| Founder/PI | Gary King | Paul Ginsparg | Brian Nosek |
| Major Donor | Harvard U. | Simons Foundation | [Arnold Ventures](https://www.arnoldventures.org/about) |
|  | Open Source | Open Access | Open Source |
| Scaling | Distributed ([50+](https://services.dataverse.harvard.edu/miniverse/map/) installations) | Centralized (240+ [member institutes](https://arxiv.org/about/ourmembers)) | Centralized ([1.5M+ visitors](https://cos.io/blog/2019-recap-osf-growth-and-open-knowledge-exchange/) since 2016) |
| Financial Reports | NA | [link](https://arxiv.org/about/reports) | [link](https://cos.io/about/our-finances/) |
| Sponsors | [link](https://dataverse.org/about) | [link](https://arxiv.org/about/ourmembers) | [link](https://cos.io/about/our-sponsors/) |
| Staff | [link](https://dataverse.org/about) | [link](https://arxiv.org/about/people/staff) | [link](https://cos.io/about/team) |

Table 2. Number Project Team Members

|  |  |  |  |
| --- | --- | --- | --- |
|  | Dataverse.org | Arxiv.org | OSF |
| Development | 5 | 3 | 23 (5 PMs) |
| UI/UX | 2 | 1 |  |
| Support | 1 |  |  |
| Curation/Archival | 3 |  |  |
| Administrative |  | 6 | 9 |
| R&D (metascience) |  |  | 13 |
| Total | 11 | 10 | 45 |

Table 3. Financial Summary of OSF and arXiv (in million dollars)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | OSF | | | | arXiv | | | |
|  | Revenue | (grants) | Expnd. | (payroll) | Revenue | (use fee) | Expnd. | (payroll) |
| 2013 | 1.24 | 1.24 | 0.67 | 0.44 | 0.77 | 0.35 | 0.51 | 0.42 |
| 2014 | 2.23 | 2.06 | 2.03 | 1.45 | 0.77 | 0.35 | 0.50 | 0.57 |
| 2015 | 4.86 | 4.46 | 4.56 | 3.30 | 0.82 | 0.37 | 0.64 | 0.57 |
| 2016 | 5.90 | 5.13 | 5.85 | 4.38 | 1.05 | 0.53 | 0.77 | 0.68 |
| 2017 | 7.04 | 5.68 | 6.93 | 5.16 | 1.02 | 0.5 | 0.74 | 0.62 |
| 2018 | 5.77 | 5.47 | 5.80 | 4.26 | 1.41 | 0.54 | 1.41 | 1.23 |
| 2019 | NA | NA | NA | NA | 1.5 | 0.55 | 1.49 | 1.35 |

Table 4. arXiv Voluntary Annual Membership Fee Structure

|  |  |
| --- | --- |
| 3-Year Average Usage Rank | Annual Membership Fees |
| 1-25 | $4,400 |
| 26-50 | $3,800 |
| 51-100 | $3,200 |
| 101-150 | $2,500 |
| 151-200 | $1,800 |
| 201+ | $1,000 |

Table 5. Arxiv.org 2019 Budget

|  |  |  |  |
| --- | --- | --- | --- |
| REVENUE |  | 2019 BUDGET | CY19 PROJECTIONS |
| Member Contributions |  | $550,000 | $551,625 |
| Simons Foundation Annual Commitment |  | $100,000 | $100,000 |
| Simons Foundation Matching Fund |  | $300,000 | $300,000 |
| Cornell University (Direct + Leadership) |  | $170,000 | $138,179 |
| Heising-Simons Foundation |  | $161,000 | $121,400 |
| Gifts |  | $120,000 | $180,000 |
| Funding from Development Reserves1 |  | $100,000 | $95,238 |
| Total Revenue |  | **$1,501,000** | **$1,486,442** |
| EXPENSES |  |  |  |
| PERSONNEL |  | SALARY & BENEFITS | SALARY & BENEFITS |
| Program Director, Scientific Director | 1 FTE | $190,799 | $238,315 |
| Operations Manager, User Support & Moderation, Communications & Development Coordinator | 4.0 FTE + 0.6 FTE students + Contract | $367,174 | $371,233 |
| IT Lead, Lead Architect, Programming, Systems, UX | 5.5FTE + Contract | $801,423 | $747,559 |
| Subtotal Personnel |  | **$1,359,396** | **$1,357,107** |
| NON-PERSONNEL |  |  |  |
| Servers (physical & virtual), hardware maintenance, storage, and backup |  | $88,000 | $70,593 |
| Staff computers, software, supplies, and misc. expenses |  | $6,000 | $38,714 |
| Meetings, workshops, consultancies, training, conferences |  | $41,000 | $20,028 |
| Subtotal Non-Personnel |  | $135,000 | $129,336 |
| Total Direct Expenses |  | **$1,494,396** | **$1,486,442** |
| CONTRIBUTED INDIRECT EXPENSES |  |  |  |
| Contributed indirect expenses by Cornell (37% of modified total direct costs)2 |  | $552,927 | $549,984 |
| Heising-Simons Foundation (15% of Foundations program support) |  |  | $18,210 |
| Subtotal Indirect Costs |  | **$552,927** | **$568,194** |
| TOTAL EXPENSES (DIRECT + INDIRECT) |  | **$2,047,323** | **$2,054,636** |
| RESERVE BALANCE |  |  |  |
| Operating Reserves |  | $300,000 | $300,000 |
| Development Reserves |  | $929,231 | $833,993 |