

Sharon D. Grant

CHICAGO

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<https://www.fieldmuseum.org/about/staff/profile/11> <https://emudata.fieldmuseum.org/>

PROFESSIONAL SUMMARY

Information Systems Director with 20+ yrs experience. Areas of expertise include Biodiversity Informatics, Data Standards Development, Data Management, Digitization Workflow and Training.

IDENTIFIERS

NSF: S Grant – 000540011

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WORK HISTORY / APPOINTMENTS

01/2019 to Current	<i>Information Systems Director</i> The Field Museum of Natural History – Chicago, IL, USA • Management and oversight of the Museum's Collections Management System. • IPT Manager and Data Resource Contact. • Collections and research online content delivery.
10/2023 to Current	<i>1st Vice Chair GBIF Governing Board</i> GBIF
12/2009 to 01/2019	<i>Technology Liaison to Science</i> The Field Museum of Natural History – Chicago, IL, USA • Collections data integrity and archiving (KE EMu, IPT) • Projects advisor (Science/Technology Projects) • Media production advisor (Science & Education)
06/2002 to 12/2009	<i>Systems and Database Manager</i> The Natural History Museum – London, United Kingdom • IT Systems point of contact • Database manager (KE EMu) • Departmental web liaison • GIS assistant (ArcInfo) • Digitization projects - Richard Spruce Project & PBI Solanum
04/1996 to 06/2002	Numerical Marine Ecologist

	British Antarctic Survey – Cambridge, United Kingdom • Scientific support for oceanographic instrumentation. • Member of cruise planning team and HQ/ship liaison for divisional cruise itineraries. • Watch leader / principal scientist during science cruises. • Develop methodologies for use of new scientific oceanographic equipment such as Optical Plankton Counters. • GIS manager and cartographic support for pelagic ecosystem projects.

SKILLS

- Collections Management Systems
- Biodiversity Informatics and Data Standards
- Data Mobilization and Publication
- Digitization
- Collections Website Design
- IPT Management

EDUCATION / PROFESSIONAL PREPARATION

1995	Master of Science: Natural Resource Management University of Leicester - Leicester, United Kingdom,
1994	Postgraduate Diploma: Information Systems Robert Gordon University - Aberdeen. United Kingdom
1993	Bachelor of Science: Marine and Fisheries Ecology University of Aberdeen - Aberdeen. United Kingdom

PUBLICATIONS / PRODUCTS

- Frazier, C.F., Wall, J. & Grant, S. (2008). *Initiating a Collections Digitisation Project*. GBIF Secretariat. (<http://www.gbif.org/resources/2775>)
- Miller, C.G. (2006). *Realising standards – Proceedings of the 20th Anniversary Conference*. SPNHC Collection Forum Vol. 21(1–2). (http://www.spnhc.org/media/assets/cofo_2006_V21N12.pdf)
- Durt, T., Grant, S. Leon, B., Zappi, D. & Mead, C. S. (2002). *The Richard Spruce Project*. Endeavour Volume: 26, Issue: 02, Pages: 9327-9327.
(<http://www.nhm.ac.uk/research-curation/research/projects/spruce/>)

MEDIA

- British Antarctic Survey. Black History Month blog post 2020 - <https://www.bas.ac.uk/blogpost/small-islands-in-the-middle-of-nowhere/>

GRANTS

- Grant, S. and Jones, J. (2021). *Empowering museums by developing open access, collaborative, virtual training and tools to better deliver impactful digital experiences* (<https://www.ims.gov/grants/awarded/me-249136-oms-21>)

TRAINING EXPERIENCE / SYNERGISTIC ACTIVITIES

- **2022-Current** GBIF US Delegation Special Member
- **2018-Current** TDWG Collections Description Interest Group Member (2018-Present):
 - <https://github.com/tdwg/lte/wiki>
 - <https://github.com/tdwg/cd> [DEPRECATED]
 - Unity in Variety: Developing a Collection Description Standard by consensus <https://biss.pensoft.net/article/59233/>
- **2023** Digitization Coordination Workshop https://arpha.pensoft.net/preview.php?document_id=22251 - Washington, iDigBio/NMNH - 2-4 May 2023
- **2021** MorphoSource Advisory Board Member
- **2020-2021** Chair GBIF Documentation Panel (<https://docs.gbif.org/documentation-guidelines/en/>)
- **2020-2023** - DigiLeap Advisory Board Member (<https://digileap.org/>)
- **SPNHC 2019 Symposia**
 - Data Interconnectedness -
 - SY-03 Interconnectedness of Data [https://www.spnhcchicago2019.com/abstract-submissionhttps://osf.io/search/?q=\(tags:%22SY-03%22\)%20AND%20tags:\(%22SPNHC2019%22\)&page=1](https://www.spnhcchicago2019.com/abstract-submissionhttps://osf.io/search/?q=(tags:%22SY-03%22)%20AND%20tags:(%22SPNHC2019%22)&page=1)
 - SY-02 Licensing and Rights around Collections Data and Media from <https://www.spnhcchicago2019.com/abstract-submission>
 - Link to abstracts: [https://osf.io/search/?q=\(tags:%22SY-02%22\)%20AND%20tags:\(%22SPNHC2019%22\)&page=1](https://osf.io/search/?q=(tags:%22SY-02%22)%20AND%20tags:(%22SPNHC2019%22)&page=1)
- **2018 - MW18** - Community of Practice Mentor <https://www.museweb.wiki/cop-online-collections/>
- **2017-2021** - GBIF Biodiversity Information Fund for Asia (BIFA) Biodiversity data mobilization Content Developer, Trainer, Mentor and Project Reviewer
 - Hanoi, Vietnam - 9-12 July 2019
 - Beijing, China - 4-8 June 2018
- **2016-2021** GBIF Biodiversity Information for Development (BID) Biodiversity data mobilization Content Developer, Trainer, Mentor, and Project Reviewer <https://elearning.gbif.es/course/12/about>
 - Pacific & Asia Regions (Virtual) 2020-21
 - Cape Town, South Africa – 4-7 December 2017
 - Apia, Samoa – 24-28 July 2017
 - Port of Spain, Trinidad – 19-23 June 2017
 - Kigali, Rwanda – 22-25 August 2016

CONFERENCE ABSTRACTS / PRODUCTS

- **Woodburn M, Droege G, Grant S, Groom Q, Jones J, Trekels M, Vincent S, Webbink K** (2021) A Data Standard for Dynamic Collection Descriptions. Biodiversity Information Science and Standards 5: e73902. <https://doi.org/10.3897/biss.5.73902>

- **Russell L, Plos A, Vargas M, Zermoglio P, Grant S** (2017) Building a community of practice through capacity enhancement mentoring. Proceedings of TDWG 1: e20234. <https://doi.org/10.3897/tdwgproceedings.1.20234>
- **Woodburn M, Paul DL, Addink W, Baskauf SJ, Blum S, Chapman C, Grant S, Groom Q, Jones J, Petersen M, Raes N, Smith D, Tilley L, Trekels M, Trizna M, Ulate W, Vincent S, Walls R, Webbink K, Zermoglio P** (2020) Unity in Variety: Developing a collection description standard by consensus. Biodiversity Information Science and Standards 4: e59233. <https://doi.org/10.3897/biss.4.59233>
 - From TDWG 2020 Virtual
- **Trekels M, Woodburn M, Paul DL, Grant S, Webbink K, Jones J, Groom Q** (2020) How do you Develop a Data Standard? Wikibase might be the Solution.... Biodiversity Information Science and Standards 4: e59211. <https://doi.org/10.3897/biss.4.59211>
 - From TDWG 2020 Virtual
- **Woodburn M, Buschbom J, Grant S, Jones J, Norton B, Trekels M, Vincent S, Webbink K** (2023) No Pain No Gain: Standards mapping in Latimer Core development. Biodiversity Information Science and Standards 7: e113053. <https://doi.org/10.3897/biss.7.113053>
 - From TDWG 2023 Virtual

T3 PUBLICATIONS

- **Grant S, Webbink K, Jones J, Herbst P, Zschernitz R, Russell R** (2017) What's Missing From All the Portals? Proceedings of TDWG 1: e20236. <https://doi.org/10.3897/tdwgproceedings.1.20236>
- **Grant S, Jones J, Webbink K, Zschernitz R.** (2018) Repatriation of Augmented Information to an Institutional Database. Biodiversity Information Science and Standards 2: e26479. <https://doi.org/10.3897/biss.2.26479>
 - From SPNHC 2018 in Dunedin, New Zealand
 - Presented on 2018 August 30
- **Grant S, Webbink K, Jones J, Herbst P, Zschernitz R, Russell R.** (2017) What's Missing From All the Portals? Proceedings of TDWG 1: e20236. <https://doi.org/10.3897/tdwgproceedings.1.20236>
 - From TDWG 2017 in Ottawa, Canada
- **Grant S, Jones J, Webbink K, Trekels M** (2020) Reducing the Pain of Getting your Backlog Published. Biodiversity Information Science and Standards 4: e59183. <https://doi.org/10.3897/biss.4.59183>
 - From TDWG 2020 in Zoomland
 - Presented on 19 October 2020

ONLINE RESOURCES

FMNH Documentation:

FMNH Collections scripts: <https://github.com/fieldmuseum/Collections-Scripts>

EMu Documentation <https://github.com/fieldmuseum/EMu-Documentation>

EMu Data: Presentations, visualizations and web portfolio <https://emudata.fieldmuseum.org>

Standards:

Collections Descriptions: <https://github.com/tdwg/cd>

Latimer Core: <https://github.com/tdwg/LtC>

Training:

<https://www.gbif.org/programme/82243/bid-biodiversity-information-for-development>