

# Stanford

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## John Graybeal

Rsch Technical Mgr 2, Med/BMIR

### CONTACT INFORMATION

- **Administrative Contact**

Tel 650-725-3384

### SUPERVISORS

- Mark Musen

### Bio

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#### BIO

John has performed project management for the Marine Metadata Interoperability Project and its Ontology Registry and Repository (<http://mmisw.org/orr>) and the National Science Foundation's Ocean Observatories Initiative CyberInfrastructure project at UC San Diego, as well as at NASA Ames Research Center (via Sterling Software/Northrup Grumman), Monterey Bay Aquarium Research Institute.

John received a BA degree from UC Berkeley, in Computer Science and Statistics, with follow-on training/certification in quality management, project management (Project Management Professional), and scrum software development (ScrumAlliance).

#### CURRENT ROLE AT STANFORD

John is a Technical Program Manager at Stanford University's School of Medicine. He leads the Center for Enhanced Data Annotation and Retrieval (CEDAR), and the NCBO BioPortal Repository, .

John's work encompasses whatever is needed: project management, product management, systems architecture, dev ops, and administration, to name a few fun roles.

#### SERVICE, VOLUNTEER, AND COMMUNITY WORK

- Project Lead, MMI, MMI ORR and ESIP COR (4/1/2014)

### Professional

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#### PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Chair, EarthCube Semantic Infrastructure Working Group (2015 - 2016)

### Publications

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#### PUBLICATIONS

- **NCBO Ontology Recommender 2.0: an enhanced approach for biomedical ontology recommendation.** *Journal of biomedical semantics*  
Martínez-Romero, M., Jonquet, C., O'Connor, M. J., Graybeal, J., Pazos, A., Musen, M. A.

2017; 8 (1): 21-?

- **The CEDAR Workbench: An Ontology-Assisted Environment for Authoring Metadata that Describe Scientific Experiments.** *The semantic Web--ISWC ... : ... International Semantic Web Conference ... proceedings. International Semantic Web Conference*  
Gonçalves, R. S., O'Connor, M. J., Martínez-Romero, M. n., Egyedi, A. L., Willrett, D. n., Graybeal, J. n., Musen, M. A.  
2017; 10588: 103–10
- **Using association rule mining and ontologies to generate metadata recommendations from multiple biomedical databases.** *Database : the journal of biological databases and curation*  
Martinez-Romero, M., O'Connor, M. J., Egyedi, A. L., Willrett, D., Hardi, J., Graybeal, J., Musen, M. A.  
2019; 2019
- **The CAIRR Pipeline for Submitting Standards-Compliant B and T Cell Receptor Repertoire Sequencing Studies to the National Center for Biotechnology Information Repositories** *FRONTIERS IN IMMUNOLOGY*  
Bukhari, S., O'Connor, M. J., Martinez-Romero, M., Egyedi, A. L., Willrett, D., Graybeal, J., Musen, M. A., Rubelt, F., Cheung, K., Kleinstein, S. H.  
2018; 9
- **CEDAR OnDemand: a browser extension to generate ontology-based scientific metadata** *BMC BIOINFORMATICS*  
Bukhari, S., Martinez-Romero, M., Connor, M., Egyedi, A. L., Willrett, D., Graybeal, J., Musen, M. A., Cheung, K., Kleinstein, S. H.  
2018; 19: 268
- **AgroPortal: A vocabulary and ontology repository for agronomy** *COMPUTERS AND ELECTRONICS IN AGRICULTURE*  
Jonquet, C., Toulet, A., Arnaud, E., Aubin, S., Yeumo, E., Emonet, V., Graybeal, J., Laporte, M., Musen, M. A., Pesce, V., Larmande, P.  
2018; 144: 126–43
- **The CAIRR Pipeline for Submitting Standards-Compliant B and T Cell Receptor Repertoire Sequencing Studies to the National Center for Biotechnology Information Repositories.** *Frontiers in immunology*  
Bukhari, S. A., O'Connor, M. J., Martínez-Romero, M. n., Egyedi, A. L., Willrett, D. n., Graybeal, J. n., Musen, M. A., Rubelt, F. n., Cheung, K. H., Kleinstein, S. H.  
2018; 9: 1877
- **Fast and Accurate Metadata Authoring Using Ontology-Based Recommendations.** *AMIA ... Annual Symposium proceedings. AMIA Symposium*  
Martinez-Romero, M., O'Connor, M. J., Shankar, R. D., Panahiazar, M., Willrett, D., Egyedi, A. L., Gevaert, O., Graybeal, J., Musen, M. A.  
2017; 2017: 1272–81
- **Issues in data management in observing systems and lessons learned** *OCEANS 2006, VOLS 1-4*  
Gornes, K. J., Graybeal, J., O'Reilly, T. C.  
2006: 1187-1192
- **Toward an ocean observing system of systems** *OCEANS 2006, VOLS 1-4*  
Bermudez, L., Bogden, P., Bridger, E., Creager, G., Forrest, D., Graybeal, J.  
2006: 904-?
- **MBARI's SSDS: Operational, extensible data management for ocean observatories** *3rd International Workshop on Scientific Use Submarine Cables and Related Technologies*  
Graybeal, J., Gomes, K., McCann, M., Schlining, B., Schramm, R., Wilkin, D.  
IEEE.2003: 288–292