iDigBio Staff Roles

Name	iDigBio Role	Briefly describe your role or primary activities in iDigBio.	Do you think your role overlaps too much with others?
Reed Beaman	FLMNH – Steering Committee; Informatics Curator	My formal role in the project has been as a steering committee member. Direct activities are participation with the IT team and working groups, including GWG, MISC, and to a lesser extent AOCR. My particular value is in my contextual knowledge of the biodiversity and collections community, and familiarity with research and infrastructure in the domain. I also participate extensively in national and international workshops and meetings related to cyberinfrastructure, biodiversity informatics, and other standards organizations (e.g., TDWG, GSC, PRAGMA, BISON, Smithsonian. Bridging better connections between iDigBio and those organizations remains an unexploited opportunity.	There is some overlapping expertise with team members, including Joanna, Deb, Gil, and Greg, but I see it as complimentary sets of strengths, and there's more work that needs to be done than people to do it.
Cathy Bester (current)	FLMNH – Project Assistant	• Workshop organization, logistics, contracts, travel, reimbursements, budget tracking • Meeting minutes/ provide refreshments • Meeting, interview, and social function scheduling • Social media updates • Day to day office operations including procurement of office supplies and running errands	No overlap with anyone unfortunately!
Cathy Bester (future)	FLMNH – E&O Coordinator	• Work closely with liaisons from each TCN to promote and track E&O efforts and to assist and share resources with each other in these efforts. • Organize regular meetings and coordinate communication among the members of the iDigBio E&O committee along with documenting these meetings and disseminating information • Report on E&O activities to the TCNs and to the iDigBio Project Manager/Steering Committee • Work with appropriate staff on representing iDigBio through exhibits at festivals, fairs and other similar	No overlap but will coordinate with the other E&O subcommittee members on all activities.

Name	iDigBio Role	Briefly describe your role or primary activities in iDigBio.	Do you think your role overlaps too much with others?
		events • Write grant proposals in support of E&O activities • Plan and implement E&O Workshops sponsored by iDigBio • Participate in professional workshops and meetings that have E&O content • Develop educational curriculum for teachers, 4-H, and informal education centers to use in their lesson plans – importance of museums, use of the database, activities using data from the iDigBio data portal for broad learning opportunities • Partner with IT staff to make these resources available via the iDigBio web site • Network with new partners on E&O activities outside the digitization community	
Robert Bruhn	FSU – Software Development	*Robert Bruhn is adapting the Morphbank v4 system to be a tool for iDigBio users to collect and manage iDigBio specimen and image data. The resulting system will allow users to download information from the iDigBio portal, add additional images and annotations to that information and push the results back to the portal. It will also support the automatic updating of Morphbank copies when iDigBio copies are modified.*	
Matt Collins	ACIS – IT Expert	I provide technical feedback and advice for the iDigBio software development effort. I provide infrastructure support for the hardware and networking portions of iDigBio's infrastructure.	
Betty Dunckel	FLMNH – Steering Committee; Education & Outreach	• I am a member of the Steering Committee and the E&O Subcommittee. • I helped Austin Mast develop and implement the Public Participation workshop. • Bruce is in charge of E&O and Cathy is the	I'm not sure of my role as the project moves forward and the most effective way I can contribute/be involved. The scope of the E&O audiences and tasks is a bit daunting.

Name	iDigBio Role	Briefly describe your role or primary activities in iDigBio.	Do you think your role overlaps too much with others?
		Coordinator.	
Shari Ellis	FLMNH – Project Evaluator	I see my primary activities as (1) providing evaluation support and services to any member of the iDigBio team, and (2) serving as an observer/evaluator on overall project management, progress, and impact. (I would have said "external" observer/evaluator, but I think my role has shifted to "internal?")	To date, I have not found that my role overlaps too much with others. I do think, however, there is the potential for that to happen as education and outreach activities ramp up as the individuals involved in those efforts may wish to do their own evaluations? Clear and open communication will be critical to avoid confusion and conflict. I also think that I need to revisit the implementation plan with David and Joanna. It is important that the implementation and evaluation plans should be very well integrated. Especially during the early years of the project when it is really not feasible to assess much in the way of "impact," products, deliverables, and other tasks accomplished are excellent metrics.
Renato Figueiredo	ACIS – Appliance Development	My primary role as senior personnel in the IT team is to lead the integration of iDigBio appliances; I also participate in the architecture and design of the iDigBio cloud infrastructure, in collaboration with ACIS and FSU.	I do not think my role overlaps too much with others. However, my activities depend on others in the project as use cases, requirements, and functionality of appliances are in response to needs of the bio-collections community and interface with the broader IT infrastructure of iDigBio.
Jose Fortes	FLMNH – PI - Cyberinfrastructure	Responsible for all IT activities for iDigBio, primarily focusing on cyberinfrastructure but also keeping an eye on other IT matters (particularly when problems arise).	There is small and healthy overlap with Greg Riccardi's activities, as well as with all iDigBio IT personnel. The overlap occurs

Name	iDigBio Role	Briefly describe your role or primary activities in iDigBio.	Do you think your role overlaps too much with others?
			where cyberinfrastructure touches informatics and the web site, as well as where IT problems of any kind emerge.
Charlotte Germain-Aubrey	FLMNH – Post-Doc (Soltis)	My role is to link the digitized data with its potential for research application. I am currently developing a bioinformatics pipeline for ecological niche modeling and climate change impact on species distribution, which will be a possible transformation of the portal output. This will greatly facilitate the application of our data for research and teaching.	My work does not overlap with others as far as I know.
Grant Godden	FLMNH – Graduate Student (Soltis)	My role as a research assistant encompasses the following: (1) incorporation of genetic resources into iDigBio -- including identifying the needs of the research community, identifying and compiling information on available genetic resources, and developing and maintaining a resource on iDigBio; (2) marketing research --conducting preliminary research necessary to identify current and potential markets (target audiences), including demographics and needs assessment, SWOT analyses, and development of marketing goals and objectives for consideration by iDigBio leadership and steering committee; and (3) coordination of the Strategic Communications working group. The latter roles are not well defined within iDigBio, and I'm not sure I can make progress in these areas without the full support of the iDigBio leadership. It seems there is a common interest in strategic marketing--in fact, I think it is the only way that many of iDigBio's goals can be achieved--but better coordination of these efforts would be helpful.	Is there duplication of effort here? Only you can tell me.
Austin Hendy	FLMNH – Post-Doc (MacFadden)	• Studying digitization protocols and workflows employed at natural history museums for	I don't believe that I overlap with anyone else's role.

Name	iDigBio Role	Briefly describe your role or primary activities in iDigBio.	Do you think your role overlaps too much with others?
		invertebrate paleontology collections. • Have helped develop FLMNH paleontology collections-wide digitization initiative focused on fossils of Panama (dovetailing on scientific and education interests stemming from the currently funded NSF-PIRE Panama Canal Project. • As a resident paleontologist with an interest in digitization I have been able to liaise with iDigBio staff on broader-scale initiatives such as data ingestion standards and developing future iDigBio workshops. • I also train a number of graduate students in the FLMNH in areas of georeferencing, image capture, post-processing, and development of education resources.	
Katherine ("Kassie") Hendy	FLMNH – Graduate Student (MacFadden)	I am working part-time on a project called Fossils of Panama. I am developing image processing protocols for the FLMNH Invertebrate Paleontology collection, processing images of specimens, developing image and text content for a web site which will provide a guide to the fossils of Panama as well as accompanying educational materials.	I do not feel that my role overlaps anyone else's role.
Jill Holliday	FLMNH – Executive Editor	I am the e-newsletter editor and I also read over/edit new material coming in to the website to be published as a blog/article/outreach etc.	I don't have a huge amount of overlap although various items seem to get published without me receiving a notification to review them.
David Jennings	FLMNH – Project Manager	• Preparation, review and distribution of project documentation, including definition of project scope, project roadmaps, NSF reporting, and internal reporting; includes enabling communication/storage mechanisms for both internal archival and public engagement. • Coordination of activities across disparate project	No

Name	iDigBio Role	Briefly describe your role or primary activities in iDigBio.	Do you think your role overlaps too much with others?
		teams. • Planning meeting agendas and leading meetings for high-level collaborations including Steering Committee, Internal Advisory Committee, and the External Advisory Board. • Tracking of project progress and budget expenditures, and execution of activity planning and sequencing. • Decision-making regarding ongoing project activities, resolution of daily items that do not need to be escalated to the Steering Committee, outreach to partner institutions, and responses to inquiries from interested parties and potential future collaborators.	
Guillaume Jimenez	FSU – Informatics Developer	I am a software developer for iDigBio. My main goals are to facilitate the transportation of data from Morphbank to iDigBio, make use of new and existing resources to handle this process and work with other institutions to understand best practices for digitization and dealing with multiple taxonomy trees.	
Diane Leiva	FSU – FSU Planning & Management	*Dr. Leiva is helping Dr. Riccardi manage the FSU subproject by working with the FSU administration on budgets, personnel, travel and other expenses. She also participates in planning and evaluation of the FSU activities.*	
Yonggang Liu	ACIS – Graduate Student (Figueiredo)	My primary activities are developing, debugging, managing and documenting the virtual appliance of iDigBio, i.e., the image ingestion tool currently.	I don't think my role overlaps too much with others.
Kevin Love	FLMNH – IT Expert	I serve as the primary IT coordinator for the project administration team, provide IT support for workshop organizers and participants, and administer the iDigBio content management system and web conferencing software/telephony.	I feel my role overlaps more with departmental/university roles more than with any other iDigBio staff.

Name	iDigBio Role	Briefly describe your role or primary activities in iDigBio.	Do you think your role overlaps too much with others?
Bruce MacFadden	FLMNH – PI - Education & Outreach	My primary role is to provide leadership for E&O.	I do not think that my role overlaps too much with others and in fact we can use all the help that we can get in E&O. I like the fact that others have been involved and look forward to continued collaboration and coordination.
Marcia Mardis	FSU – Research & Evaluation	*Marcia Mardis is working at FSU with the research and evaluation components of the project to study the social science factors of iDigBio and its interactions with the TCNs. Marcia currently has minimal duties directly related to iDigBio, however her activities will increase in FY2 when she becomes a paid iDigBio staff member.*	
Austin Mast	FSU – Steering Committee; Citizen Science	My primary roles are steering committee member, chair of the Public Participation in Digitization working group, and member of the FSU digitization group.	I do not think that my role overlaps too much with others.
Andrea Matsunaga	ACIS – Research Scientist	My role is to conduct cyberinfrastructure-related research to improve future deployments of iDigBio and to generalize the solution.	My role does not overlap with anyone else in iDigBio.
Joanna McCaffrey	FLMNH – Biodiversity Informatics Manager	• Keep the collection community's needs and desires foremost as we develop interfaces for them • Manage (keep track, schedule meetings) issues with ACIS, incoming data arrival to the portal • Help create various work products: poster, pamphlet, GUID Guide, Data Ingestion Questions & Answers, Terms of Use, AAA portal design, high level product design requirements making sure we have documents ready for users when we let them know we are ready. • Champion and manage improvements to the user interface of the portal and website, with Greg T. and Jeremy S., that conform to collections staff needs • Shake the bushes to find pockets of available, ready data, or near-ready, and provide assistance (with	My roles overlap with others a lot, some ways good, some not, but part of my job description is to be in the interface (to be the bridge for overlapping).

Name	iDigBio Role	Briefly describe your role or primary activities in iDigBio.	Do you think your role overlaps too much with others?
		Deb) to get them ready. • Help plan and participate in workshops with Gil (Valdosta, Chicago). • Participate in several working groups: Cyberinfrastructure, Biodiversity Informatics Management, DROID+, Whole Drawer, E&O. • Look for ways to promote collaboration (e.g., CRIA, ALA beyond systematics) • Plan with team (Elizabeth, Larry, Pam, Bruce) the SPNHC symposium • Liaison with tool vendors for iDigBio's interests (KE Software, Specify) • Look for opportunities to forward, promote, and discuss sustainability and collections data beyond systematics	
Casey McLaughlin	FSU – IT Expert	*Casey McLaughlin provides technical oversight for the project's IT infrastructure at FSU. His time is allocated approximately 5% to iDigBio activities. His primary current responsibility is to work with Alex Thompson to establish a second site for the data and media storage infrastructure at FSU.*	
Ryan Moraski	FLMNH – Graduate Student (Soltis)	• PhD student, advised by Pam Soltis, current RA with iDigBio. Primary activities include learning and applying new methods in biodiversity informatics in the analysis of collections data, especially those pertaining to Florida species. • Also involved with training other graduate students and FLMNH personnel interested in georeferencing methods.	
Gil Nelson	FSU – Steering Committee; Digitization Process Specialist	I focus primarily on digitization strategies, processes, and techniques, including data entry and imaging workflows; database and equipment evaluation, use, and selection;	My role overlaps with others, but not excessively

Name	iDigBio Role	Briefly describe your role or primary activities in iDigBio.	Do you think your role overlaps too much with others?
		workflow development; and providing services, recommendations, and consultation to collections managers who want to digitize their collections. I have a particular interest in small collections, the important and potentially unduplicated specimen data they hold, the resource and experience challenges they face, and their expressed need for guidance. I am also interested in building a robust source of digitization materials, workflows, and community contributed protocols, techniques, successes, and failures that can be accessed and used by the collections community. I also see my role as connecting those who need digitization resources and strategies with those who have them. I coordinate several working and interest groups, including MISC, the DROID workflow working groups, the International Whole-drawer Digitization Interest Group, the Small Herbarium Working Group, the Biodiversity Informatics Manager working group, and several workshop planning teams. I am currently working with library science professionals on plans to launch a library/information sciences–biodiversity collections digitization interest group. Also, I plan and coordinate digitization workshops in conjunction with community representatives.	
Larry Page	FLMNH – PI - Lead	• Work with project manager in oversight capacity for all aspects of iDigBio. • Engage natural history collections community as broadly as possible • Plan for long-term sustainability of NIBA-identified activities through by engaging NHC community broadly and development of a viable economic model.	No
Deb Paul	FSU – Informatics Analyst	• Liaison with the NHC community & liaison outside the	Some overlap with Biodiversity Informatics

Name	iDigBio Role	Briefly describe your role or primary activities in iDigBio.	Do you think your role overlaps too much with others?
		NHC for iDigBio (in-reach and outreach) ○ ambassador for iDigBio ○ facilitate pointing those outside iDigBio to resources needed (at iDigBio or elsewhere) ○ propose, and / or encourage others to propose workshops / working groups / symposiums as community sees a need (within iDigBio's scope) ○ participate in workshops / symposiums as needed / requested to further the goals of the ADBC program and enhance iDigBio's role in national and international digitization and sustainability efforts ○ encourage and enhance biodiversity informatics education (formal and informal) as part of our sustainability efforts; also as part of our continuing efforts to bridge the biologist ↔ IT staff communication gap. ○ continue to learn more about the latest data basing and imaging techniques being developed to share with broader community • Act as coordinator / facilitator in working groups (as needed) to reach desired community-driven, working group goals including publications and materials development • Help collections map their data for ingestion into iDigBio (as needed) • Liaison between Morphbank and iDigBio	Manager – there is certainly enough work for both of us. This User Services Specialist position still seems to be evolving (in terms of scope & content).
Greg Riccardi	FSU – PI - Digitization	I am the PI of the FSU subproject and responsible for overseeing much of the workshop activities and the user support and some software development in support of user interactions. I also participate in the IT committee and make suggestions about IT goals and deliverables.	

Name	iDigBio Role	Briefly describe your role or primary activities in iDigBio.	Do you think your role overlaps too much with others?
		Finally, the I work with the FSU IT group in creating and managing cloud facilities at FSU.	
Catherine Snyder	FLMNH – Undergraduate Student (MacFadden)	*Catherine Snyder is a student assistant working with post-doc Austin Hendy. Catherine is primarily working on specimen photography of material specifically for online education and research resources of the Fossils of Panama digitization project. Her focus is on vertebrate paleontological specimens.*	
Pam Soltis	FLMNH – PI - Research	Director for Research Activities. Liaison to the scientific community and coordination of scientific research activities and needs. Developing workflows to stimulate and facilitate research based on biodiversity collections data.	No
Sarfaraz Soomro	ACIS – Graduate Student (Fortes)	I am involved in research and development of tools and methodologies that aid in data transformation from variety of source to conform to format suitable for iDigBio data ingestion.	My role doesn't overlap with others.
Jeremy Spinks	FSU – Web Designer	Website design, from an overview and organizational standpoint, with assistance in coding as needed.	I found the overlap with other web staff to be complimentary.
Alex Thompson	ACIS – IT Expert	• Programming • System Administration • Technical Architecture	No significant overlap.
Greg Traub	ACIS – IT Expert	My role with iDB is systems programmer. As systems programmer for iDB I am currently working on the user interface for the portal.	I don't believe my duties overlap with Alex or anybody else.