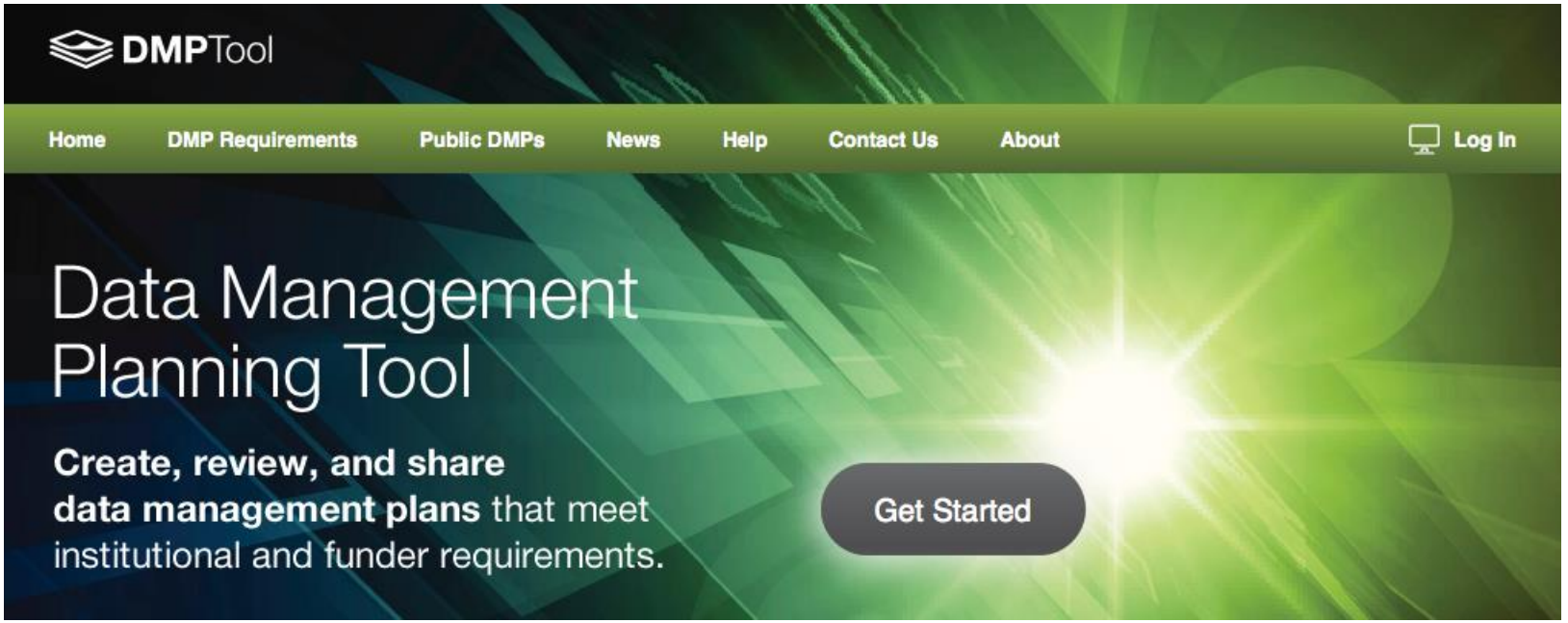


DMPTool

Build your Data Management Plan

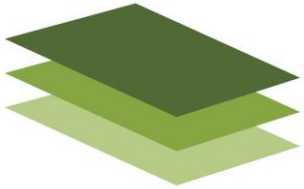
Sherry Lake
University of Virginia Library

Data Management Planning: get up to date with DMPTool and DMPonline
IDCC Workshop, 2/24/14

CC BY

DMPTool Project

- Partners started working in January 2011
- Released in October 2011
- Developed requirements, divided work
- Self-funded / In-kind



DMPTool

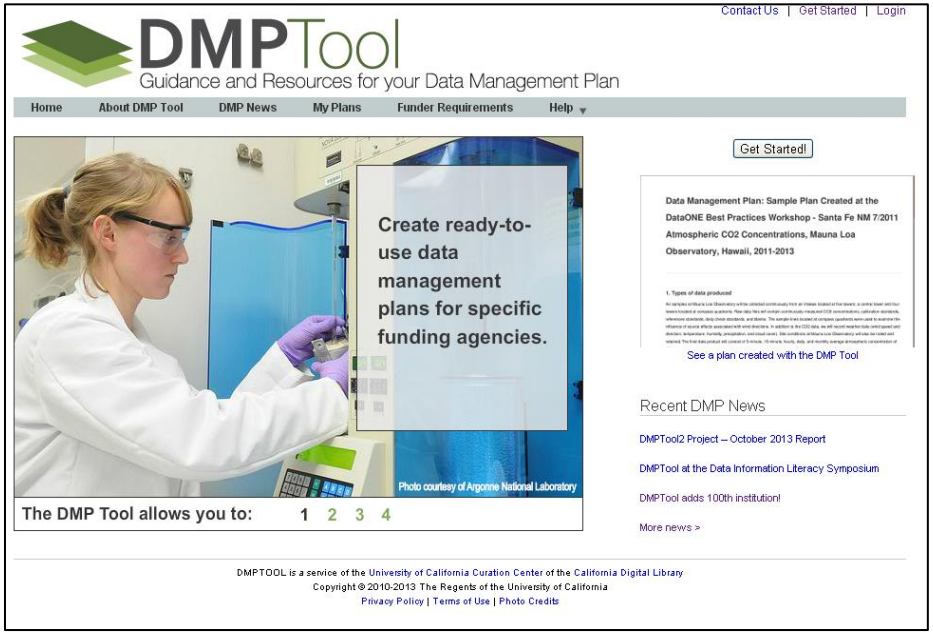
Build your Data Management Plan

- Free
- Guides through creating a DMP
- Helps meet funder requirements
  - Supplies questions
  - Includes explanation/context provided by the agency
  - Provides links to the agency website

DMPTool

Build your Data Management Plan

- Version 1
- Built for researchers
- No functionality for editors or admins
- URL redirect to CDL



http://dmptool.org

Data Management Plan Tool |

https://dmp.cdlib.org/institutional_login

Bookmarks | General Interest | Other bookmarks

Contact Us | Get Started | Login

your Data Management Plan

Home | Funder Requirements | Help

Penn State
Smithsonian Institution
UCLA
University of California, Berkeley
University of California, Davis
University of California, Irvine
University of California, Merced
University of California, Office of the President
University of California, Riverside
University of California, San Diego
University of California, San Francisco
University of California, Santa Barbara
University of California, Santa Cruz
University of Chicago
University of Illinois at Urbana-Champaign
University of Iowa
University of Michigan
University of Nebraska-Lincoln
University of North Carolina-Chapel Hill
University of Virginia

---- Select Your Institution ----

I am a:

- (•) new user
- ( ) returning user

Go

Anyone can use the DMP Tool

Don't see your organization in the list? *You can still use the DMP Tool...* just select "None of the above" and you'll be able to create an account or login.

DMPTOOL is a service of the University of California Curation Center of the California Digital Library
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Privacy Policy | Terms of Use | Photo Credits

NSF-GEN: Generic: 5. Plans for archiving & preservation

Plans for archiving data, samples, and other research products, and for preservation of access to them.

Progress

Click on a section below to edit it at any time.

= complete

Plan description

1. Types of data produced
2. Data and metadata standards
3. Policies for access and sharing
4. Policies for re-use, redistribution
5. **Plans for archiving & preservation**

Suggested answer text **box size:** small | medium | full
(copy and paste as needed)

As advised by University of Virginia Library staff members, I plan on depositing my research data in the UVA institutional repository – Libra. I will submit the necessary metadata and other resources to make my data accessible for future users. In accordance

Help **box size:** small | medium | full

This portion of the Data Management Plan asks the researcher to provide a long-term strategy for archiving and preserving the data from the research described in the proposal.
Consider these questions:

- What is the long-term strategy for maintaining, curating and archiving the data?
- Which archive/repository/database have you identified as a place to deposit data?
- What procedures does your intended long-term data storage facility have in place for preservation and backup?
- How long will/should data be kept beyond the life of the project?

Also consider these questions about the data and associated information that will be deposited:

- What data will be preserved for the long-term?
- What transformations will be necessary to prepare data for preservation / data sharing?
- What metadata/ documentation will be submitted alongside the data or created on deposit/ transformation in order to make the data reusable?
- What related information will be deposited?

Additional help for: University of Virginia

The University of Virginia is developing an institutional repository (Libra), which will serve as an ideal long-term storage facility for digital research data. If you will be producing digital data but are not planning on submitting your data to a community-specific repository that provides indefinite storage and "discipline-specific" access, then please consider adapting the suggested answer to complete this section. After considering the repository/archive questions or using the UVa generic response, don't forget to consider the last 3 questions about the data and related documents you anticipate preserving.

Resources

University of Virginia
UVa Scientific Data Consulting Group

UVa: Archiving & Sharing Data Guidance

UVa Policy RES-002: "Laboratory Notebook and Recordkeeping"

General
NSF Data Sharing Policy

NSF Data Management Plan Requirements

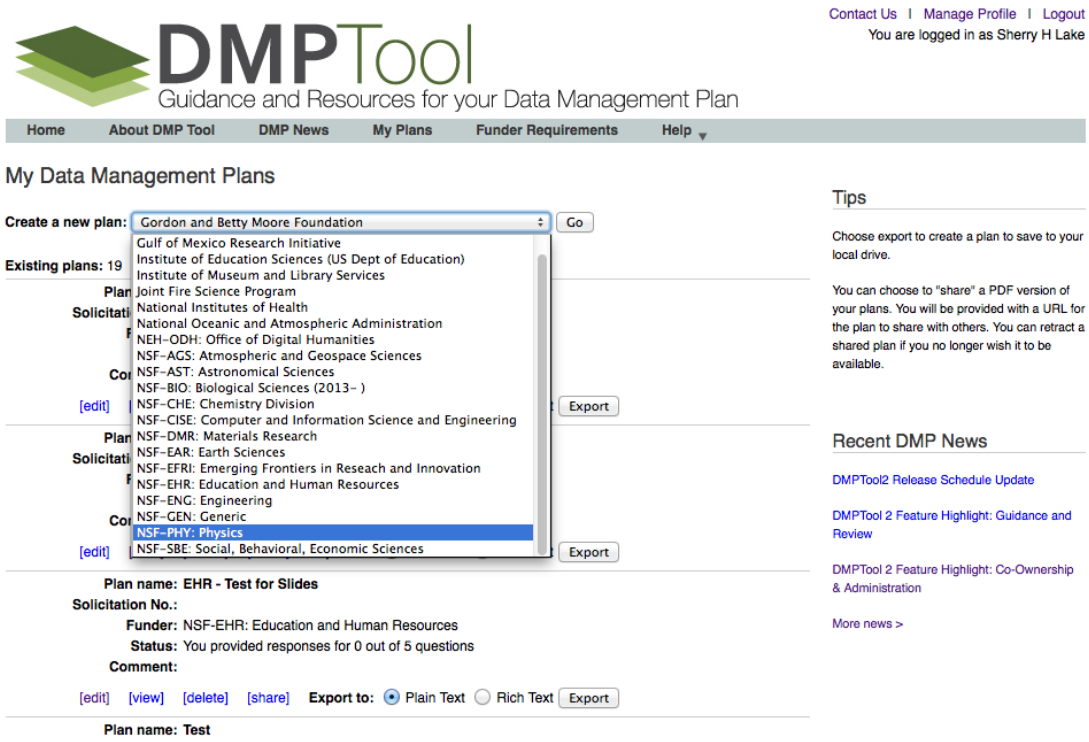
DataBib: Registry of Research Data Repositories

DataONE Best Practice: Identify Suitable Repositories for your Data

DataONE Best Practice: Identify Data with Long-Term Value

Funder Templates

Support for 21 public and private funding agencies



Gordon and Betty Moore Foundation
Gulf of Mexico Research Initiative
Institute of Education Sciences
Institute of Museum and Library Services
Joint Fire Science Program
NEH Office of Digital Humanities
National Institutes of Health
National Oceanic and Atmospheric Administration
NSF Astronomical Sciences
NSF Atmospheric and Geospace Sciences
NSF Biological Sciences
NSF Chemistry Division
NSF Computer and Information Science and Engineering
NSF Earth Sciences
NSF Education and Human Resources
NSF Emerging Frontiers in Research and Innovation
NSF Engineering
NSF Materials Research
NSF Physics
NSF Social, Behavioral, Economic Science

DMPTool 2

- Funded by
  - Alfred P. Sloan Foundation
  - Institute for Museum and Library Services
- Same project partners
- Improvements for researchers and institutional admins
- Expanding outreach

DMPTool 2

New Functionality

- Granular modeling of plan templates
- Granular modeling of institutions
- Role-based user authorization
- DMP life cycle management
- Organizational planning activities
- Enhanced search and browse
- Institutional branding
- Advanced administrative interface
- Collaborative plan creation
- Open API

DMPTool 2

Improvements for plan creators

Users will be able to:

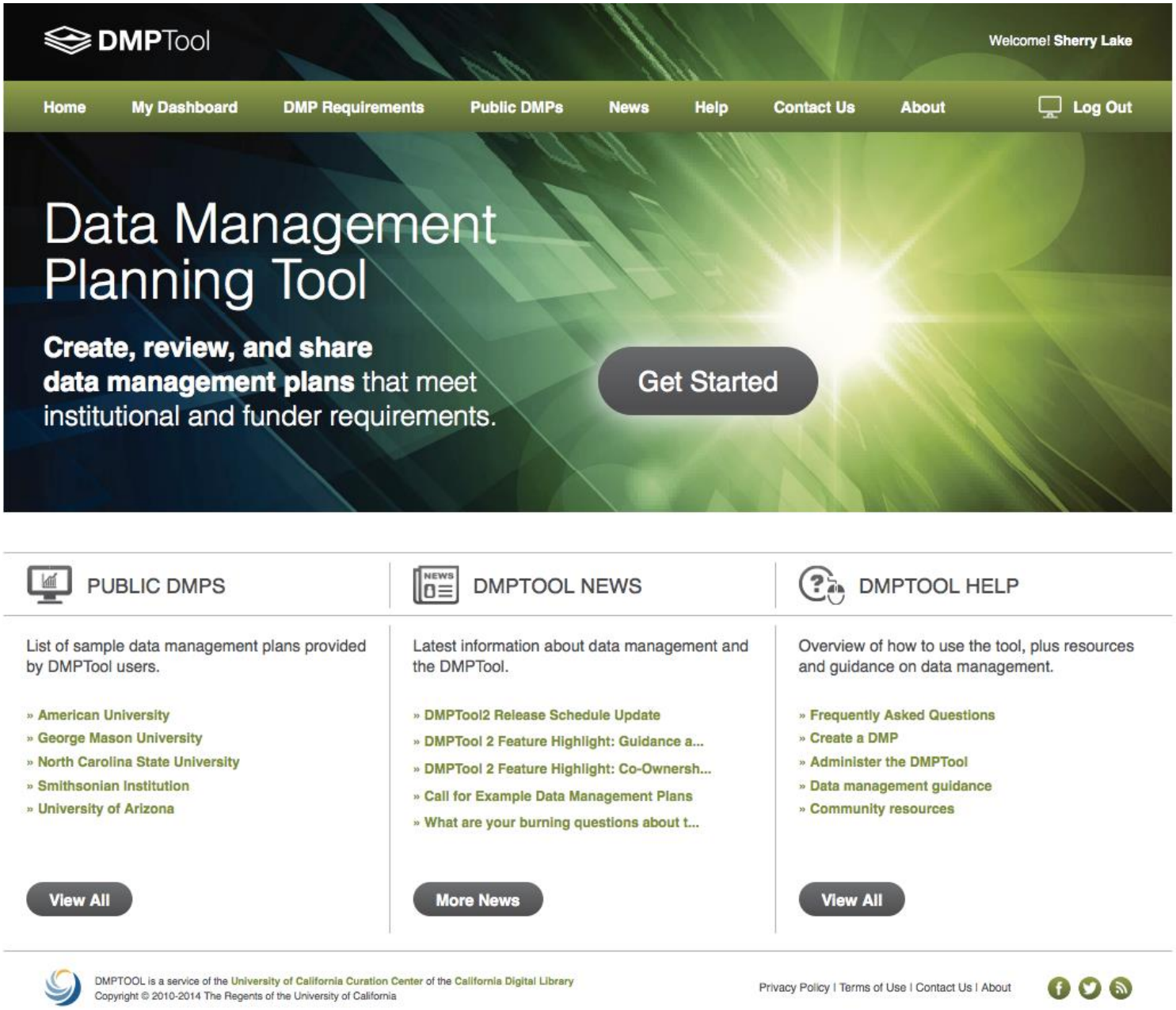
- Copy existing plans into new plans
- Work collaboratively with colleagues
  - Owner & co-owner
- Request a review of their plans
- Share their plans within their institutions
- Provide public access to their plans

DMPTool 2

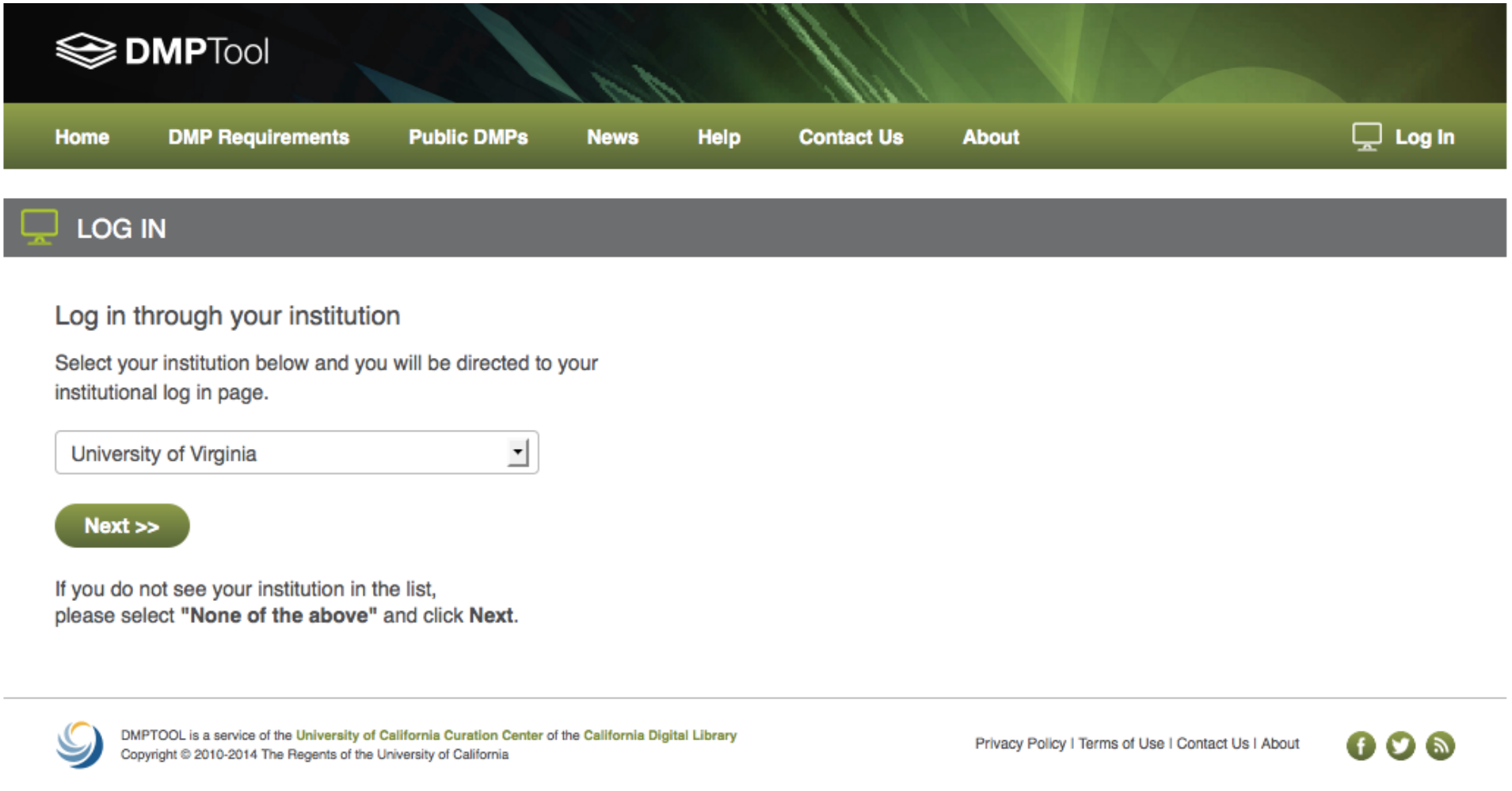
Improvements for Administrators

- Institutional hierarchies available
- Several new admin roles
  - DMP template editor
  - Resources editor
  - Institutional reviewer
  - Institutional administrator
- Review of plans can be mandatory or optional
- Implement institutional DMPs

Redesigned User Interface



Shibboleth Authentication



DMPTool

Welcome! **Sherry Lake**

Home | My Dashboard | DMP Requirements | Public DMPs | News | Help | Contact Us | About | Log Out

University of Virginia

http://dmconsult.library.virginia.edu

Contact Data Management Consulting Group

My Dashboard | My DMPs | Create New DMP | Review DMPs | DMP Templates | Customizations | Institution Profile | My Profile

OVERVIEW

My DMPs	My DMPs under review
1 plans I own	No DMPs are under review.
0 plans i co-own	

Create New DMP

DMPS FOR MY REVIEW

0 DMPs pending review

0 DMPs finished review

DMP TEMPLATES

Within my Institution	Funder Requirements
2 DMP Templates only visible to my institution	0 Public DMP Templates from my institution

Create New DMP Template

MY PROFILE

Personal Information | Notification Preferences

Please update any info regarding your account.

Name

Username	sah@virginia.edu
First name	Sherry
Last name	Lake
New Password	
Password confirmation	

Contact Information

Email	sah@Virginia.EDU
Institution	University of Virginia

DMP Options

My Roles	Resources Editor I Institutional Reviewer I Institutional Administrator

Save Cancel

University of Virginia

http://dmconsult.library.virginia.edu

Contact Data Management Consulting

My Dashboard | My DMPs | Create New DMP | Review DMPs | DMP Templates | Customizations | Institution Profile | My Profile

ACTIVE DMPS

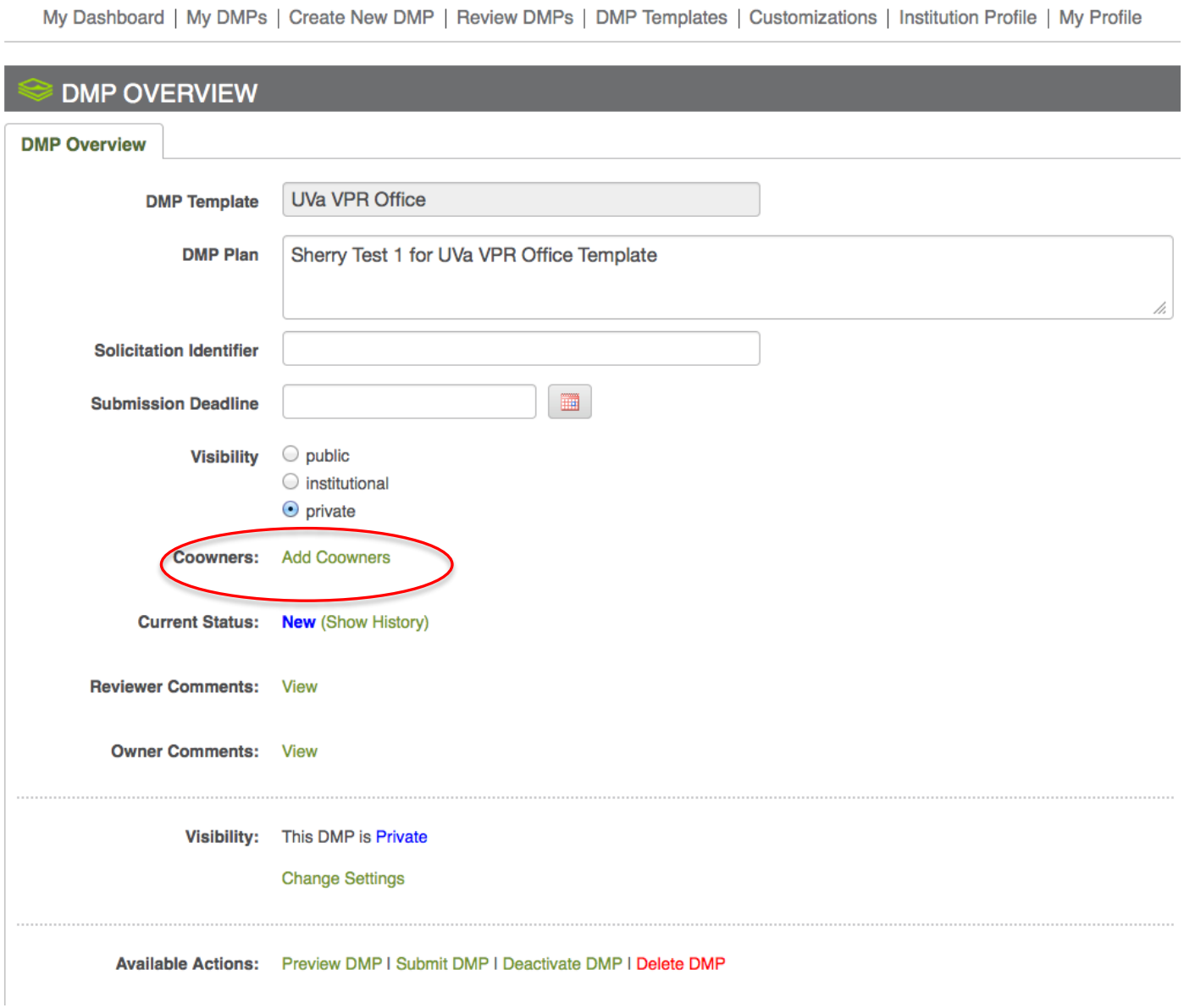
All (3) | Coowned (0) | Approved (0) | Submitted (0) | Rejected (0)

Name	Owner	Status	Visibility	Last Modification Date
Sherry's UVa Bio Plan	Sherry Lake	New	Private	02/11/2014 09:41PM
Sherry Test 1 for UVa VPR Office Template	Sherry Lake	New	Private	02/20/2014 05:30PM
TEST 2	Sherry Lake	New	Private	02/21/2014 08:00PM

View All

Create New DMP

Co-ownership



DMP DETAILS

Gordan and Betty Moore Foundation

Outline

- ✓ Summary of research and data
- ✓ ⊟ Approval requirements
- ✓ Data restrictions
- ✓ Restriction 1
- ✓ Restriction 2
- Additional documentation
- Intellectual property rights
- ⊟ Tools used
  - Collecting data
  - Generating data
- ✓ Metadata
- ⊟ Storage and access
  - ⊟ Subsection 1
    - Subsection 1.1
- Long-term planning and archiving
- Depositing data in a repository
- Data management plan review

Instructions | Resources | Suggested Response

Instructions Summarize the intended purpose of the research, the type of data to be collected or generated, the approximate dates when the data will be generated or collected, and the anticipated volume of data.

Guidance Use this section to summarize the purpose of the research and the data that will be collected or generated in the course of the project. Make sure to include the anticipated or estimated volume of data. Consider these questions:

- What is the purpose of the research?
- What data will be collected and/or used in this project? (include only a brief statement here)

Hide Guidance

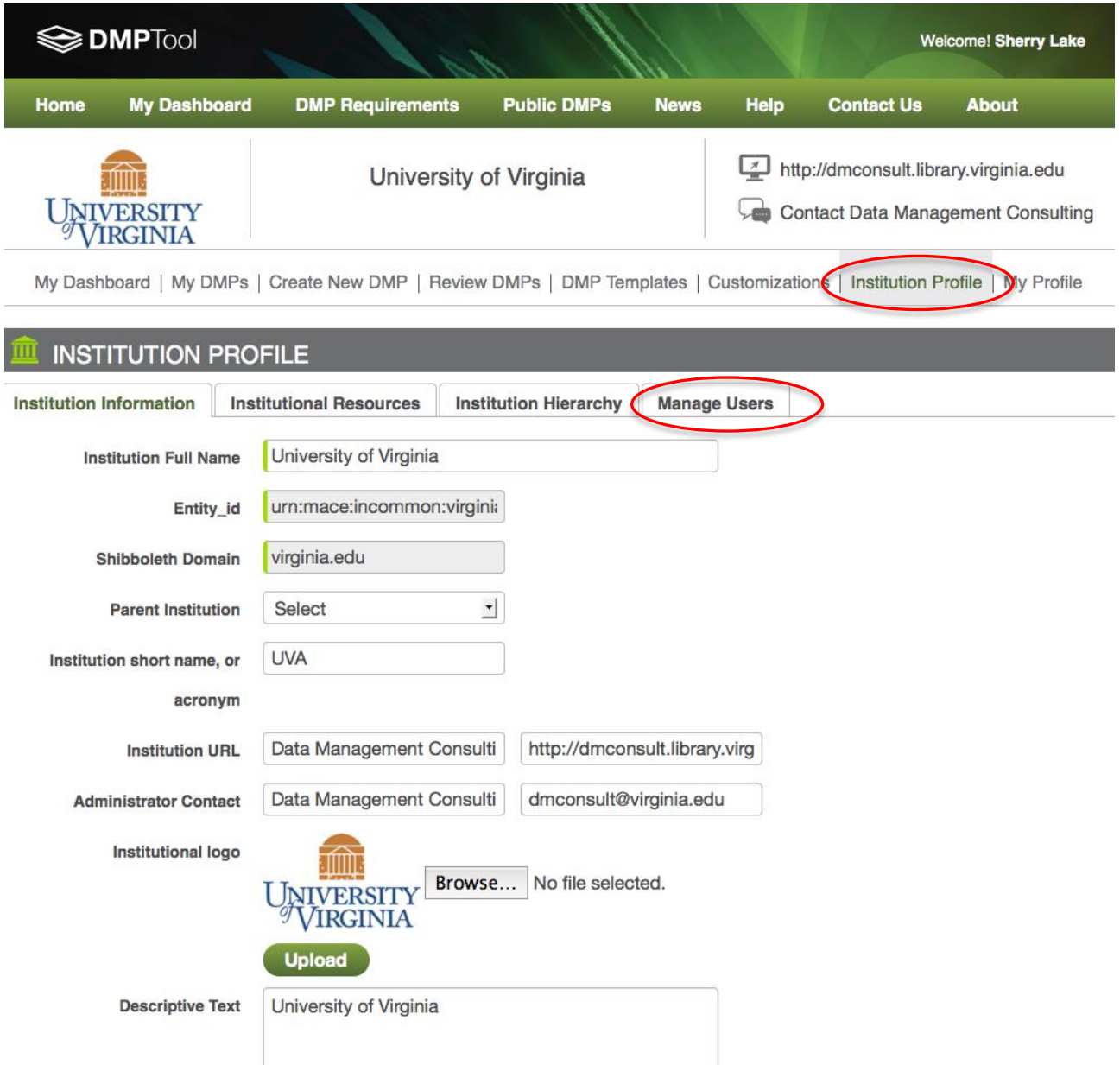
Your Response (Mandatory)

B I U

Cancel Changes

Save Responses

Admin Features



Expanded Administrative Roles

Institutional Administrator

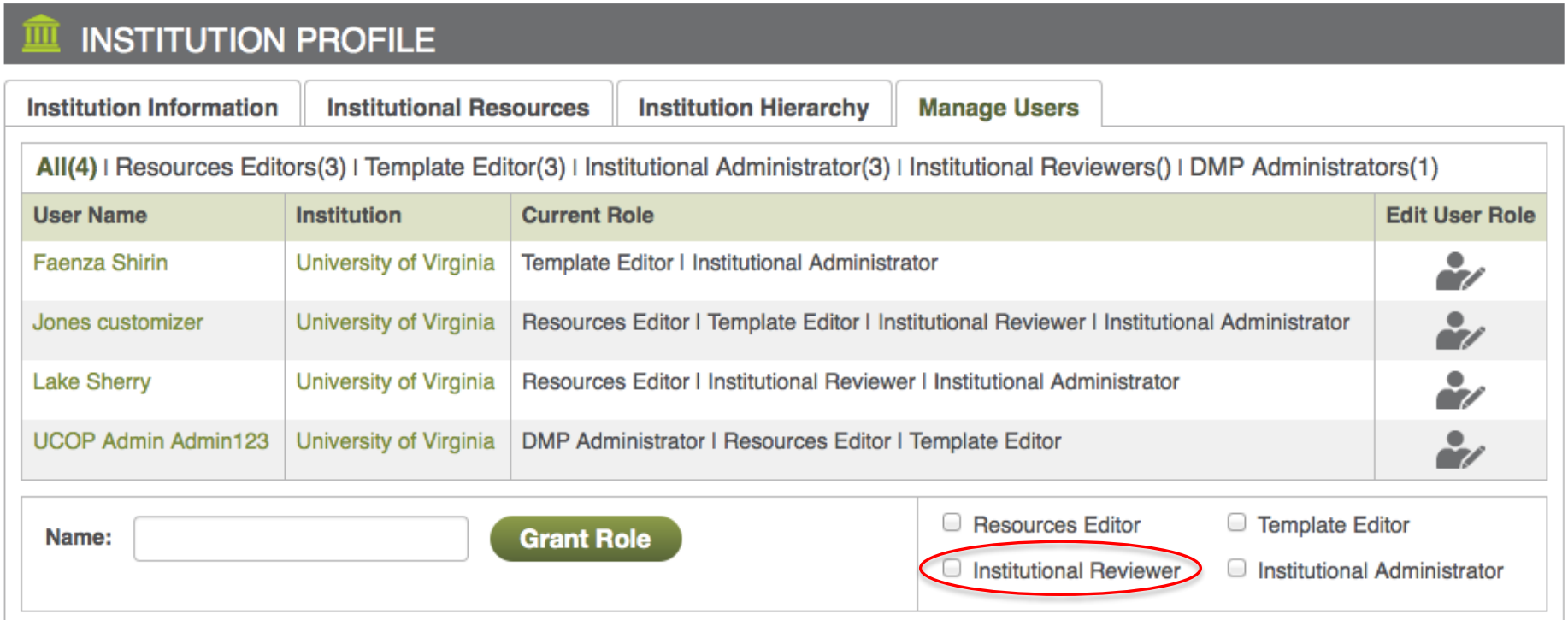
- Assigns institutional roles
- Performs all other editor roles

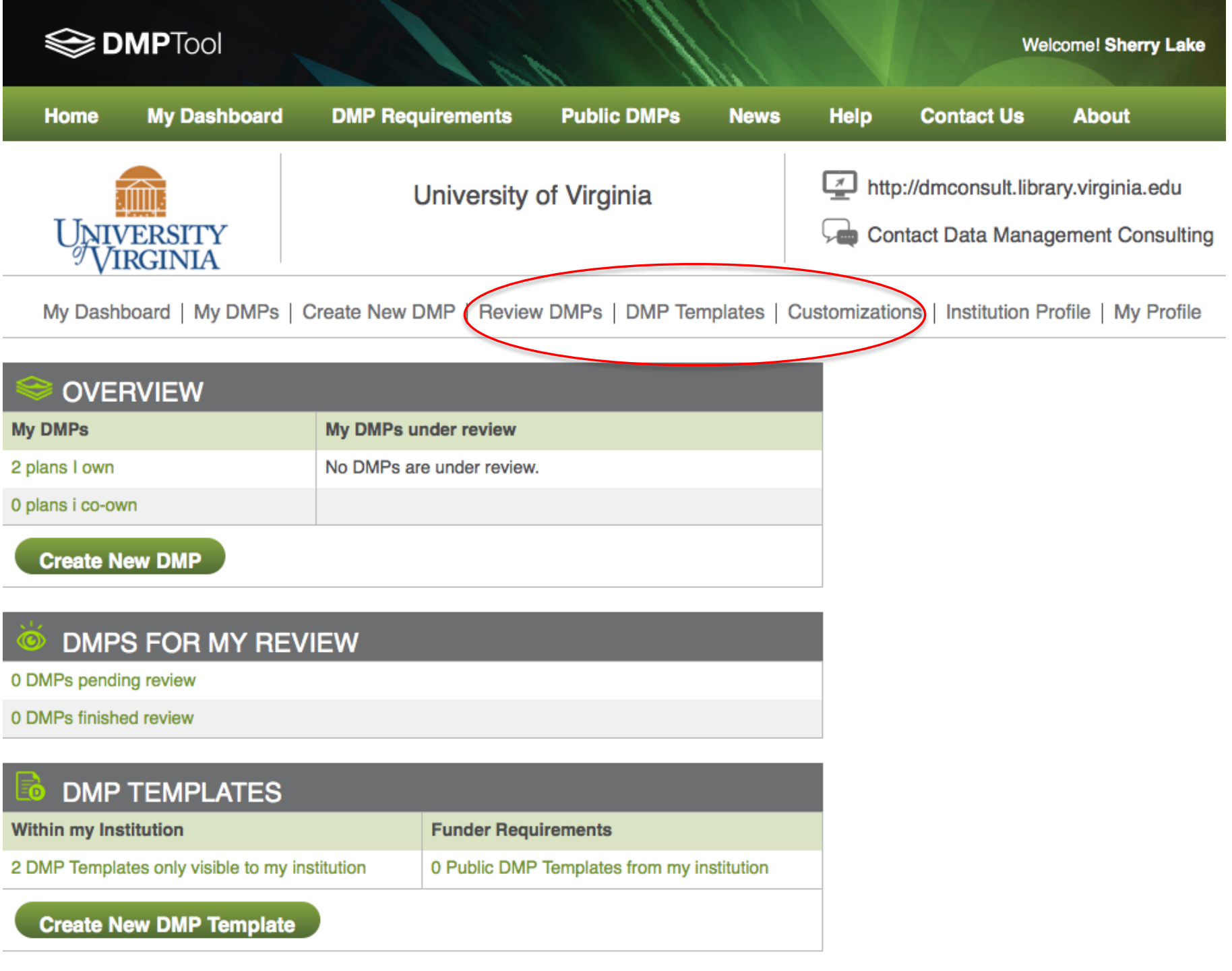
Template Editor

- Creates & edits DMP institutional templates

Resources Editor

- Local help text
- Links to resources
- Suggested answers
- Example answers




DMPTool
Welcome! Sherry Lake
Home
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DMP Requirements
Public DMPs
News
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About
University of Virginia
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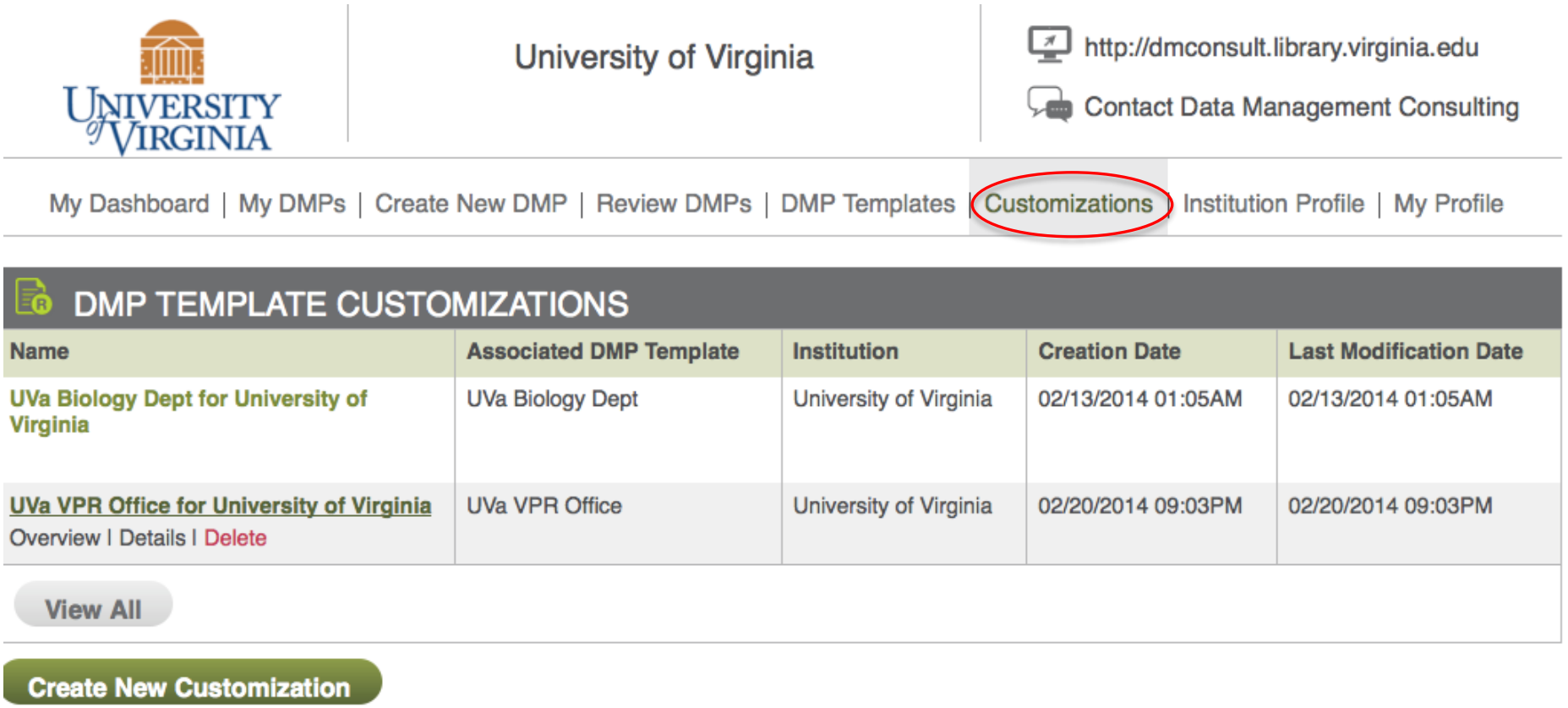
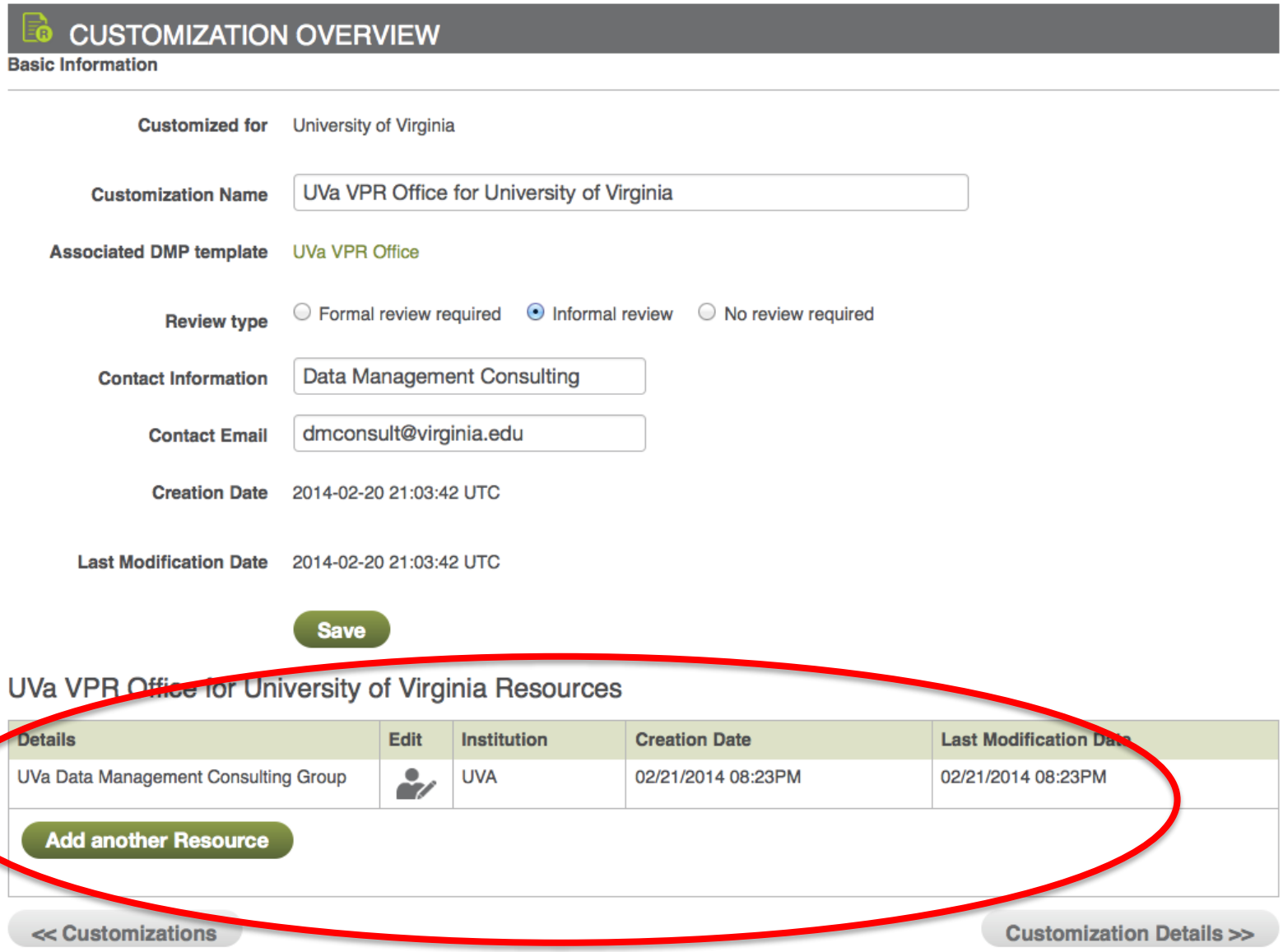
Contact Data Management Consulting
My Dashboard | My DMPs | Create New DMP | Review DMPs | DMP Templates | Customizations | Institution Profile | My Profile
OVERVIEW
My DMPs
My DMPs under review
2 plans I own
No DMPs are under review.
0 plans i co-own
Create New DMP
DMPS FOR MY REVIEW
0 DMPs pending review
0 DMPs finished review
DMP TEMPLATES
Within my Institution
Funder Requirements
2 DMP Templates only visible to my institution
0 Public DMP Templates from my institution
Create New DMP Template

Template Customizations



Template Customizations



Template Customizations

EXISTING RESOURCES FOR UNIVERSITY OF VIRGINIA

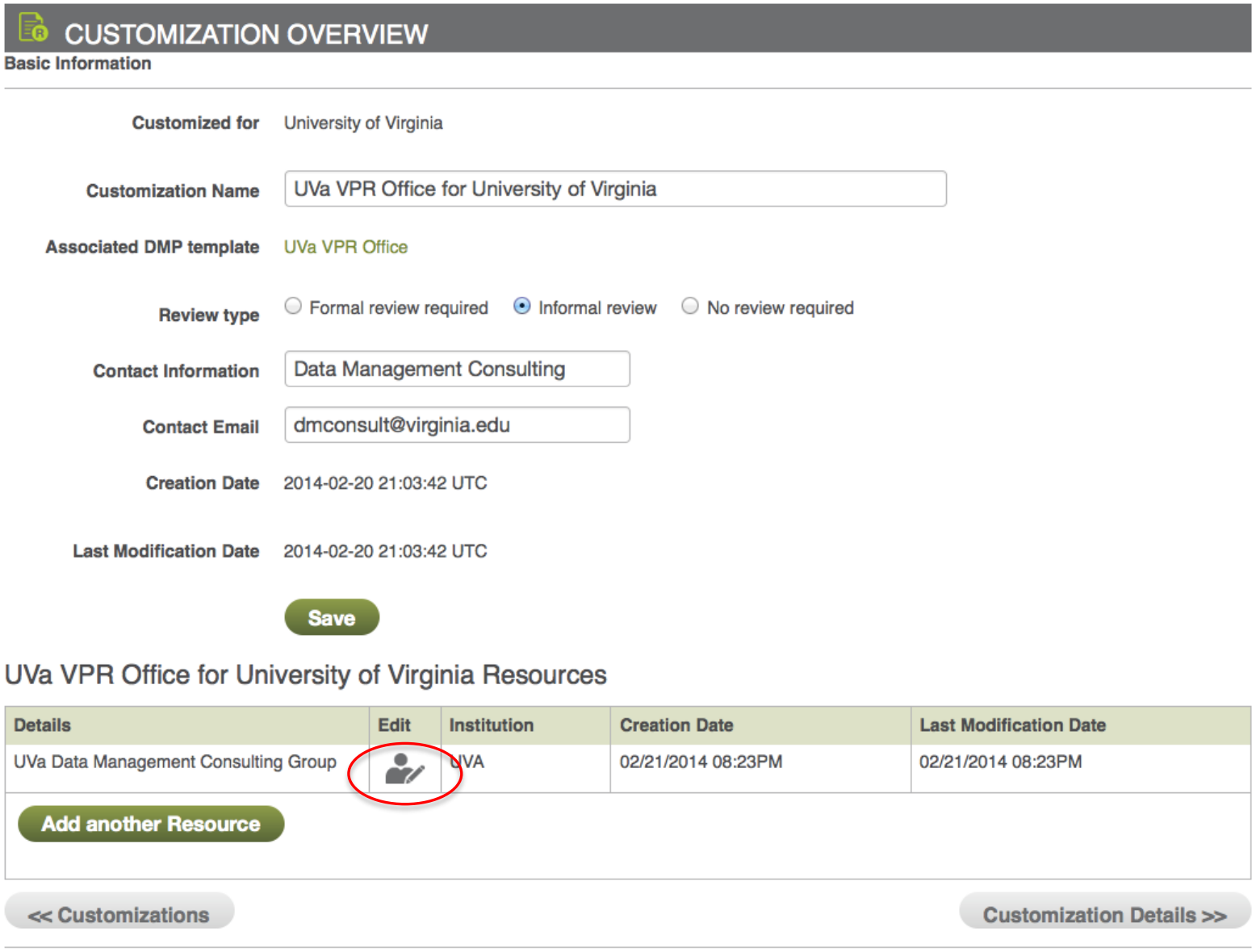
Search

Select	Resource Id	Details	Type	Institution	Creation Date	Last Modification Date	Level	Edit
○	1	UVa Data Management Consulting Group	actionable_url	UVA	08/01/2011 02:12PM	02/21/2014 08:24PM	Requirement - Institution	
○	2	Data Types Guidance	actionable_url	UVA	08/01/2011 02:38PM	08/01/2011 02:38PM	Requirement - Institution	
○	3	File Format Guidance	actionable_url	UVA	08/01/2011 03:38PM	08/01/2011 03:38PM	Requirement - Institution	
○	5	Copyright & Privacy/Confidentiality Guidance	actionable_url	UVA	08/01/2011 03:40PM	08/01/2011 03:40PM	Requirement - Institution	
○	6	Archiving & Sharing Data Guidance	actionable_url	UVA	08/01/2011 03:40PM	08/01/2011 03:40PM	Requirement - Institution	
○	7	UVa Policy RES-002: "Laboratory Notebook and Recordkeeping"	actionable_url	UVA	08/01/2011 03:42PM	08/01/2011 03:42PM	Requirement - Institution	

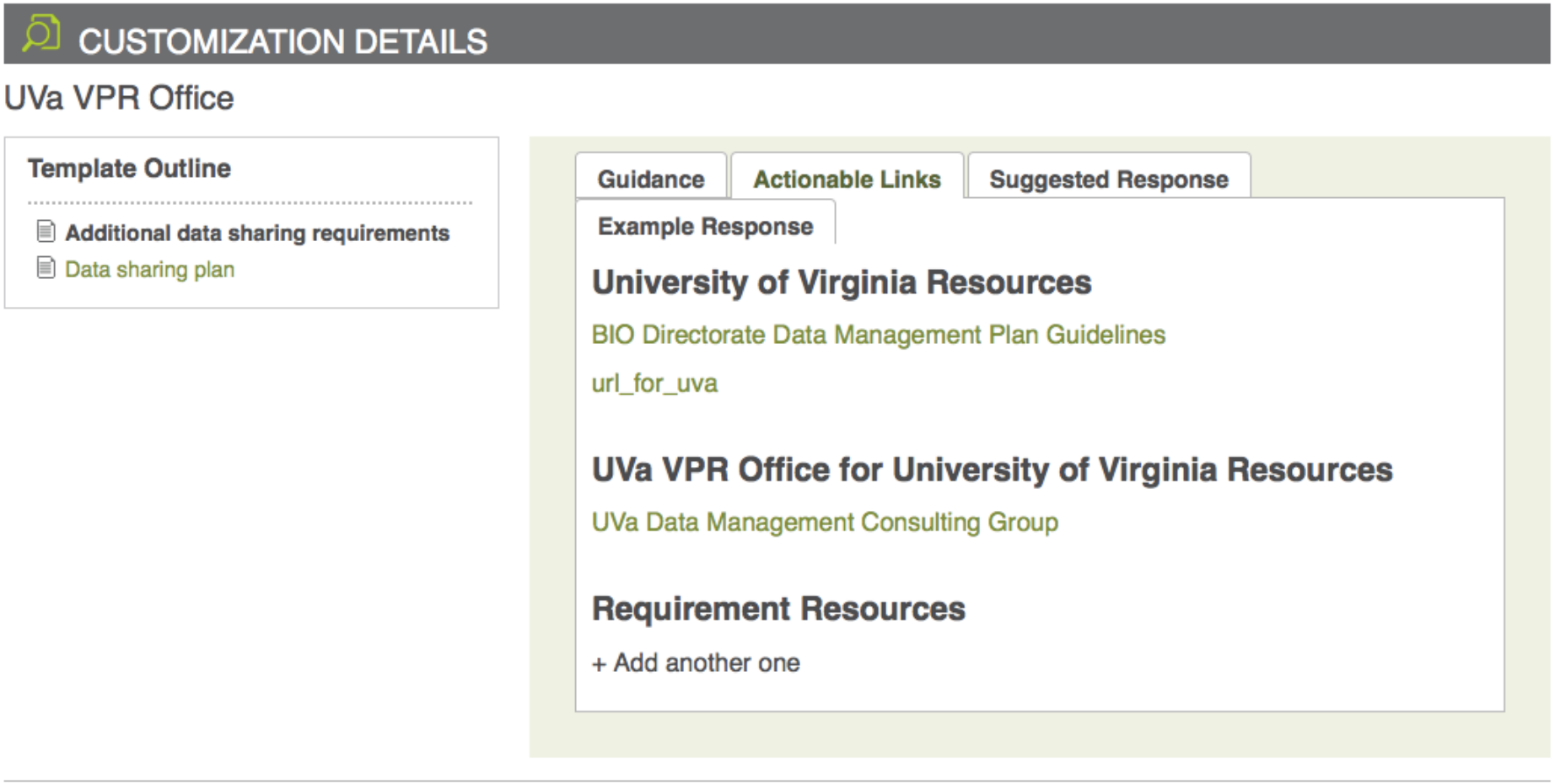
Submit

Add New Resource

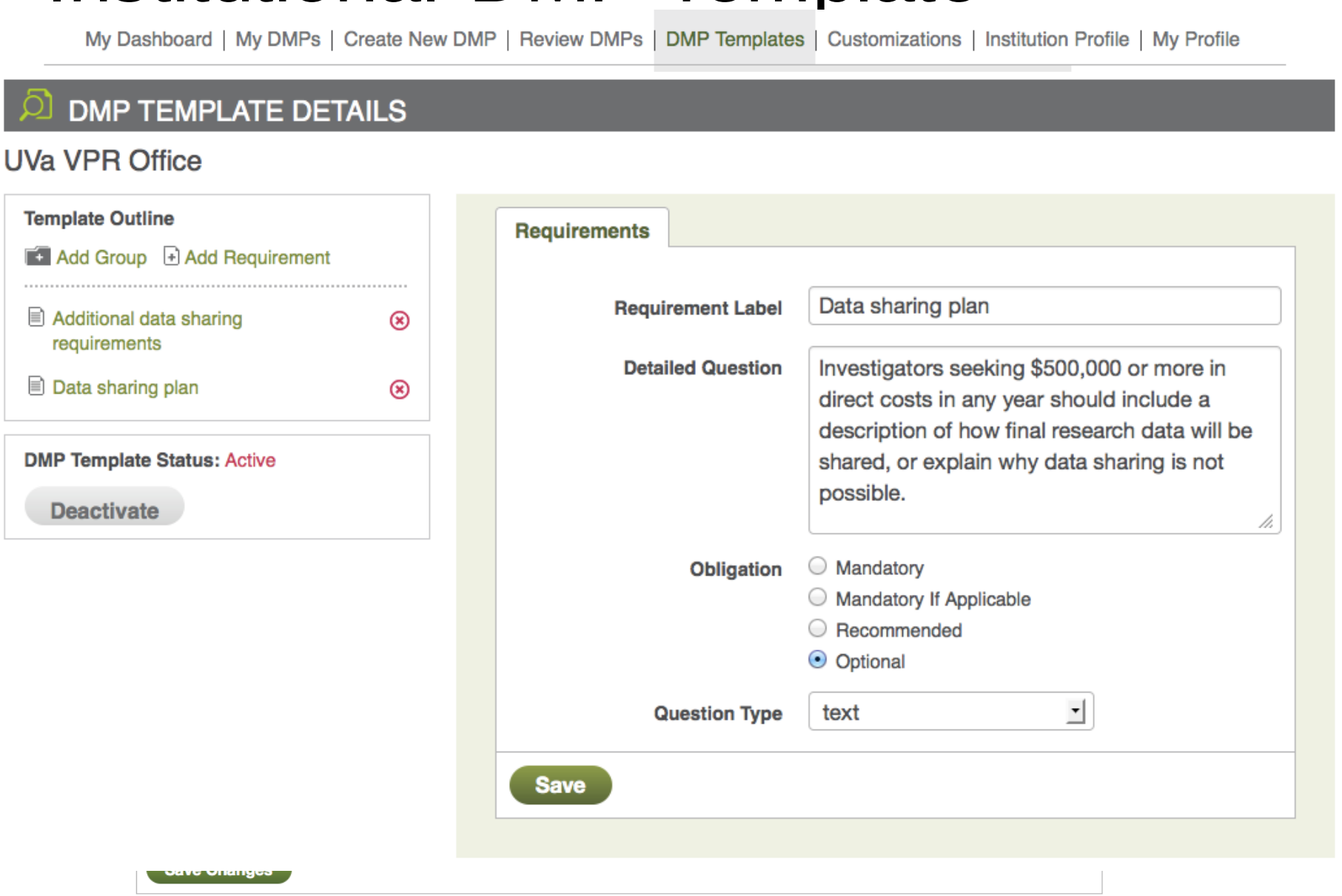
Template Customizations



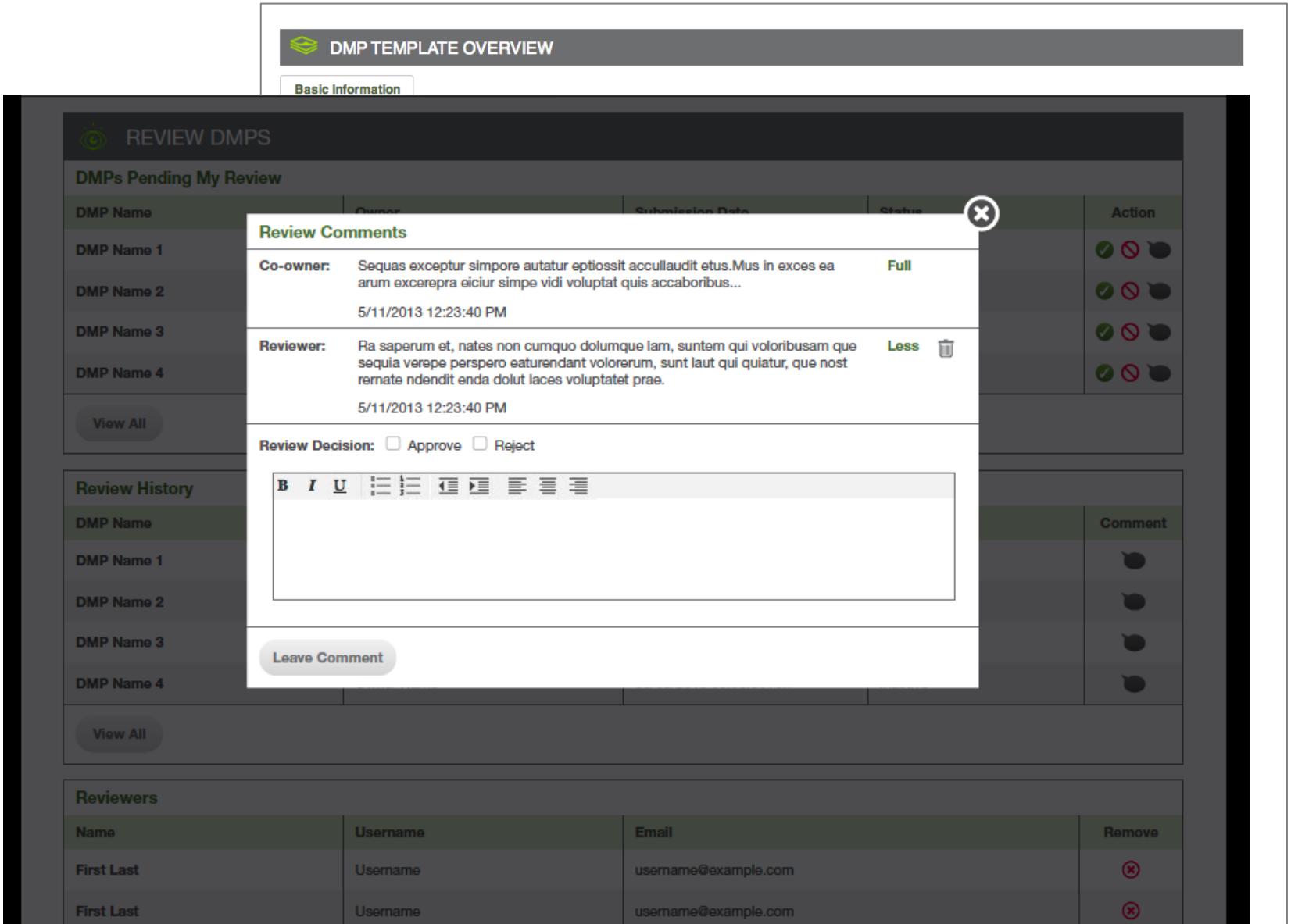
Template Customizations



Institutional DMP Template



Review Capabilities



DMP Requirements

DMP REQUIREMENTS

Use the A-Z links below to narrow down the list by institution or use the search box to search for specific DMP Templates. Sample plans are not necessarily from the funder.

Search

A - F | G - L | M - S | T - Z | All

Funder	Template	Funder Links	Sample Plans
NSF-BIO: Biological Sciences	NSF-BIO: Biological Sciences Test	Grant Proposal Guide	NSF-GEN Sample 1 NSF-GEN Sample 2
NSF-BIO: Biological Sciences	NSF-BIO: Biological Sciences	Information	NSF-BIO Sample 1 NSF-BIO Sample 2
National Science Foundation	NSF-EAR: Earth Sciences	Guidelines	
National Science Foundation	NSF-ENG: Engineering	Guidance	
National Science Foundation	NSF-DMR: Materials Research	Advice to PIs	
National Science Foundation	NSF-PHY: Physics	Advice to PIs	
National Science Foundation	NSF-SBE: Social, Behavioral, Economic Sciences	Contents	
National Science Foundation	NSF-AST: Astronomical Sciences	Advice to PIs	
National Science Foundation	NSF-CHE: Chemistry Division	Advice to PIs	
National Science Foundation	NSF-AGS: Atmospheric and Geospace Sciences	AGS Advice	

View All

1 2 3 4 5 Next › Last »

GUIDANCE WITHIN INSTITUTION

Below is a list of DMP templates available in your institution

Institution	Template	Institution Links	Sample Plans
University of Virginia	UVa VPR Office		
University of Virginia	UVa Biology Dept	UVa Biology Department	

Sharing

1. Private – owners & co-owners only
2. Within institution
3. Publicly

DMPTool 2

Release

- Release to admins: Spring
- Release to public after admins
- New URL: http://dmptool.org
- All current customizations and plans will be migrated
- Admins can test drive the new system before researchers

Improving Data Stewardship with the DMPTool

Provide librarians with the
tools and resources
to claim the data management education space

Improving Data Stewardship with the DMPTool

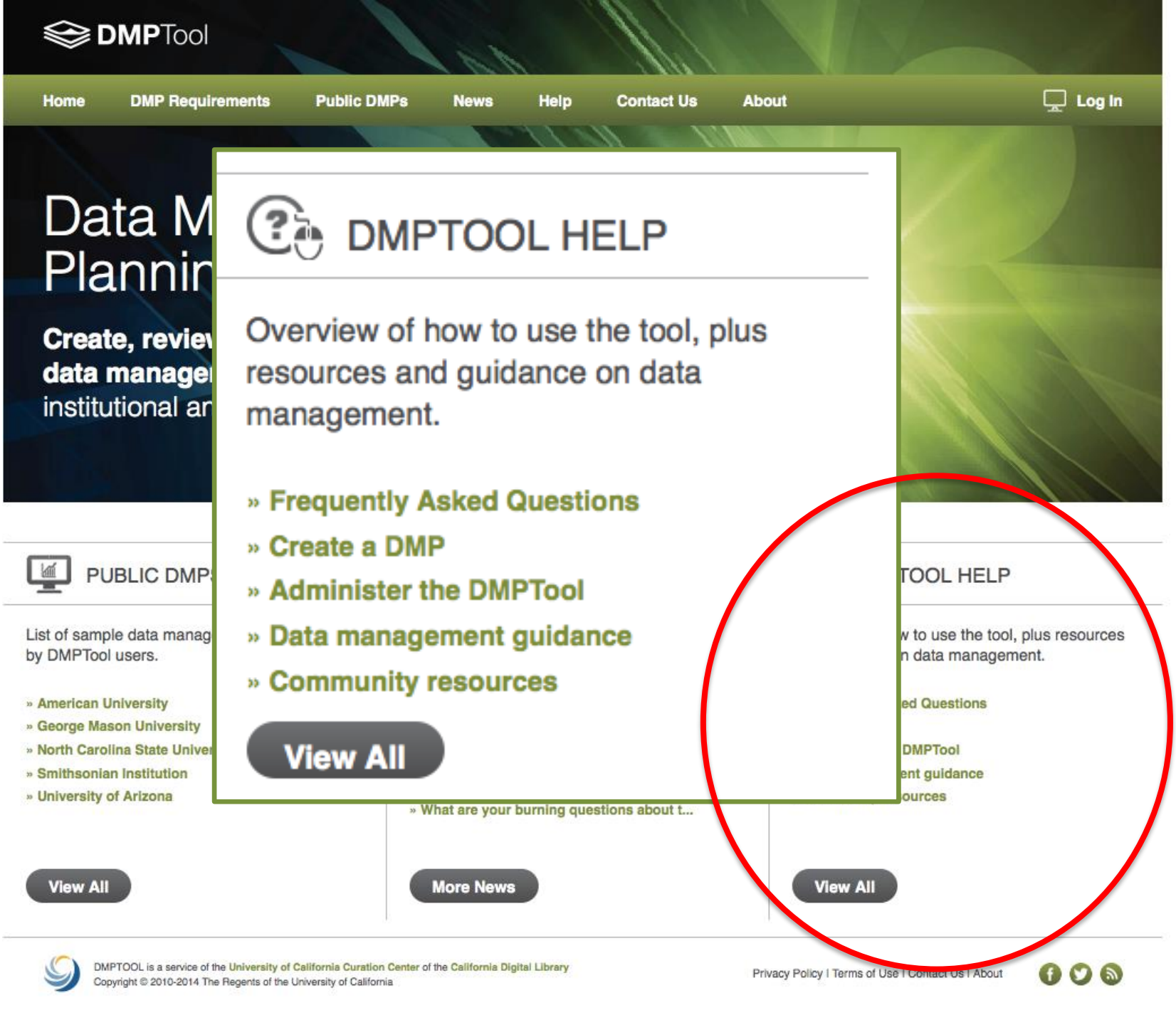
Webinar series

Case studies

Blog development

Talking points

Collect resources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About
Log In
Data M
Plannir
Create, reviev
data manage
institutional ar
DMPTOOL HELP
Overview of how to use the tool, plus resources and guidance on data management.
» Frequently Asked Questions
» Create a DMP
» Administer the DMPTool
» Data management guidance
» Community resources
View All
PUBLIC DMP
List of sample data manag
by DMPTool users.
» American University
» George Mason University
» North Carolina State Univer
» Smithsonian Institution
» University of Arizona
View All
» What are your burning questions about t...
More News
TOOL HELP
w to use the tool, plus resources
n data management.
ed Questions
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View All
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blog.dmptool.org

DMPTool2 Project — June 2013 Report

Posted on **June 14, 2013** by **Vida D.**

Overview

DMPTool2 is currently immersed in the execution phases of the project. Each team has met significant project deadlines and milestones. Furthermore, the group is deeply engaged with each of the User Advisory Boards, implementing feedback into the project as well as engaging in constructive discussion with each board.

Technical Team

The technical team has made significant progress on development. The technical development schedule has been finalized and is currently on track. Much of the first of four planned phases is complete. Initial wireframes were presented to Administrative User and Researcher Advisory Boards at the end of May. The team is currently processing feedback from the boards to influence some remaining minor changes. As all the login functionality pieces fall into place, focus has shifted toward user interface design. Most functionality should be in place by the end of August, when efforts will transition toward the open API. In preparation, the technical team has already reached out to the Center for Open Science to discuss integrating the DMPTool2 into their Open Science Framework.

Communications/Outreach Team

The Outreach Coordinator position faced significant bureaucratic delays in May; however, with the coordinator now hired, the team is at work developing an outreach plan. Meanwhile, the team was successful in attaining targeted feedback and directing specific questions to the Advisory Boards in May. The communications team is currently coordinating responses to board inquiries and tentatively scheduling the next meeting for the beginning of September. Furthermore, while

facebook.com/dmptool

DMPTool

Website	dmptool.org
Twitter	@TheDMPTool
Blog	blog.dmptool.org

Email	shLake@virginia.edu
Tweet me	@shlakeuva
My slides	slideshare.net/shLake