

# TechEx 2018 - Latest Grouper recipes

<https://meetings.internet2.edu/2018-technology-exchange/detail/10005183/>

TIME 10/17/18 11:20AM-12:10PM

ROOM Pacifica Ballroom 4/5

Name	School	Topic
Chris Hyzer	Penn	Shibboleth shows countdown warning (heads up) to users who are going to be required for MFA in the next 9 days Ccure feed to Grouper to capture door access
Michael Gettes	Florida	Visualize Group membership and privilege relationship including group size, loader metadata, etc SQL queries used to help monitor Grouper Running python scripts to provision stuff with Grouper messaging
Chad Redman	UNC-CH	web application to create and sync Office 365 groups from class rosters; demonstrates large sql_group_list loaders, WS as a web app driver, O365 changelog consumer
Chris Sutherin	UMBC	Provisioning campus portal group membership into Google groups via Grouper
Bert Bee-Lindgren	Georgia Tech	PSPNG's Dockerized Integration Testing
John Gasper	Unicon	Getting Started with the TIER Grouper Docker Image
Carl Waldbieser	Lafayette College	Provisioning with Grouper, messaging and python
James Babb	Internet2	Something cool