Field Museum

```
setwd("/N/home/r/s/rshiggin/Karst")
library(dplyr)
```

```
##
## Attaching package: 'dplyr'
##
## The following object is masked from 'package:stats':
##
##     filter
##
## The following objects are masked from 'package:base':
##
##     intersect, setdiff, setequal, union
```

Attach csv files

```
eaudit01 <- read.csv(file="MOOCeaudit03.csv", head=TRUE, sep=",")
catalog <- read.csv(file="ChinaHall_masterRev.csv", head=TRUE, sep=",")
```

Select variables

```
eaudit02 <- eaudit01[,c(3, 4, 6, 7, 8)]
aucatalog <- catalog[,c(3, 5)]
```

Join tables

```
merged <- merge(eaudit02, aucatalog)
```

Filter admininstrative user

```
aucatalogVars <- merged[merged$AudUser != "emu", ]
summary(aucatalogVars)
```

```
##      AudKey              AudUser            AudDate         AudOperation
##   Min.   :  45955   sgrant    :8572   2014-08-21: 1032   delete:  166
##   1st Qu.:1018904    mburton   :2839   2011-04-11:  831   insert: 2513
##   Median :1257902    jmccaffrey:2700   2014-08-25:  824   update:18936
##   Mean   :1417988    jkelly    :1260   2014-06-20:  643
##   3rd Qu.:2255015    cphilipp  : 678   2008-12-05:  581
##   Max.   :2897961    jjones    : 676   2014-08-22:  542
##                      (Other)   :4890   (Other)   :17162
##             AudTable              CAT_SecDepartment_tab
##   ecatalogue      :19376   Anthropology         :11718
##   emultimedia     : 1001   Paleobotany_Geology  : 3285
##   etaxonomy       :  822   Botany               : 2627
##   esites          :  253   Zoology Insects      : 1377
##   eparties        :   66   Invertebrates_Zoology: 1186
##   ecollectionevents:  43   Fishes_Zoology       :  297
##   (Other)         :   54   (Other)              : 1125
```