**Script to find Dimensions IDs for Profiles (FindDimensionsIDs.ps1)**

1. Get manageable set of F&L names   
   for active profile owners with publications in profile, not been already processed.
2. Check if they have other F&L names for publication and replace in this set.(FLNAMES)
3. Exit if FLNAMES is empty
4. For each FL in FLNAMES as authors and PMID not empty call Dimensions API [all] (DIMPUB)
5. For each publication PUB in DIMPUB check if PMID of publication is listed for that FL
6. Compare again last name and first letter of first name with that PUB
7. Check If PUB has Dimensions ID (researcher\_id) for FL
8. If true, save FL with Dimensions ID into Profiles [UCSF.].[ExternalID] table.
9. Go to 4
10. Go to 3
11. Go to 1

**Script to find publications in using Dimensions IDs (ProcessDimensionsPubs.ps1)**

1. Get manageable set of Dimensions IDs   
   for active profile owners with publications in profile already added from Dimensions. (DIMIDS)
2. Exit if DIMIDS is empty
3. For each ID in DIMIDS as researcher\_id and PMID is empty call Dimensions API [all] (DIMPUB)
4. For each PUB in DIMPUB
5. Check if this PUB been already processed? Go to 3: next
6. Regex PUB title to avoid unneeded publications
7. For this PUB save [Profile.Data].[Publication.Import.PubData] in order to create new negative PMID, this table keeps link between PMID and Dimensions ID
8. For this PUB rank and save authors into Profiles [Profile.Data].[Publication.Import.Author] table.
9. For this PUB save link of Dimensions ID owner with created negative PMID into Profiles [Profile.Data].[Publication.Import.Pub2Person] table.
10. For this PUB save general information into Profiles [Profile.Data].[Publication.Import.General] table.
11. Go to 4
12. Go to 3
13. Go to 1

**Procedures to add imported publications from Dimensions into persons profile**

1. Procedure [profilesRNS].[UCSF.].[cleanDimensionsImport] to clean old import.
2. Procedure [profilesRNS].[UCSF.].[loadDimentionsIntoProfiles] to update Profiles Publication.Person.\* tables
3. Job “Profiles STAGE Load publications From Dimensions”.