

eRA Address and Degree Changes July 2003 Release



July 14, 2003

Address Line 5 Retirement



- Ultimate goal: identify addresses by components
- Why start with line 5?
 - Easiest part of the address to extract to structured fields
 - Structured fields (city, state, zip) already exist in the database
 - Many users are already entering information in the structured fields
 - Opportunity to synchronize with the eRA Commons
 - Conforms with USPS guidelines

Address Line 5 Changes

- Conversion of existing data, where possible
- Modification to address screens
- Modification to miscellaneous documents
- Line 5 will remain in the database

Conversion of Address Line 5



- Analysis of line 5 data:
 - Domestic addresses with city, state, and zip
 - Internat'l addresses with city, country, postal code
 - The remainder can be anything
- Identify domestic line 5 that can be parsed into city, state, zip (validate against USPS database)
- Where line 5 and structured fields *both* contain data, convert only if data matches
- Data not converted will remain as is

Modification to Address Screens

- Address line 5 will not be updatable
- Users will be instructed to reenter the information from line 5 in lines 1-4, and erase the data in line 5
- Before saving *any* address changes:
 - Line 5 must be empty
 - Domestic addresses must have city, state, zip data
 - Non-U.S. and Canadian addresses must not have state code

Example of Address Screen



IMPAC II -Person Administration - [Person]

Person Address

PERSON ADDRESS This information is for the current profile.

PIN Person ID 0001863293

Last Name MOFFAT First Name JOHN Middle Name K

Address Type (LOV) Start Date End Date

HOM PI Home Office Address

Line-1 UNIVERSITY OF CHICAGO Preferred Address for This Address Type

Line-2 DEPT OF BIOCHEM & MOL BIOLOGY

Line-3 920 EAST 58TH STREET

Line-4

Line-5 CHICAGO, IL 60637 Erase

City

State (LOV) ZIP 60637 Country (LOV)

Note: As of July 2003, address line 5 data entry is no longer supported, and is provided for reference only. Before saving any data changes, please refer to the current address line 5 data and migrate into city, state, country and zip code fields or into other address lines lines(1..4) and erase the contents of line 5.

Phone # (773) 702-2116 Ext.

Alternate Phone Ext.

E-Mail moffat@cars.uchicago.edu FAX# (773) 702-0439

Copy Address Copy to Clipboard Details Cancel Save

A code identifying the type of address. - list of values available
Record: 1/? List of Values <OSC> <DBG>

Modification to Other Documents

- Reports, mailers, summary statement, etc., where address is displayed
- Where Line 5 is currently displayed, it will be displayed only when there is data in the field
- Changes made so that city, state, zip is now included where not previously on the document, when Line 5 is null

Future Changes

- Clear out all data from line 5; drop from database
- Incorporate business rule validation against USPS database
- Migrate to atomic fields for all address lines

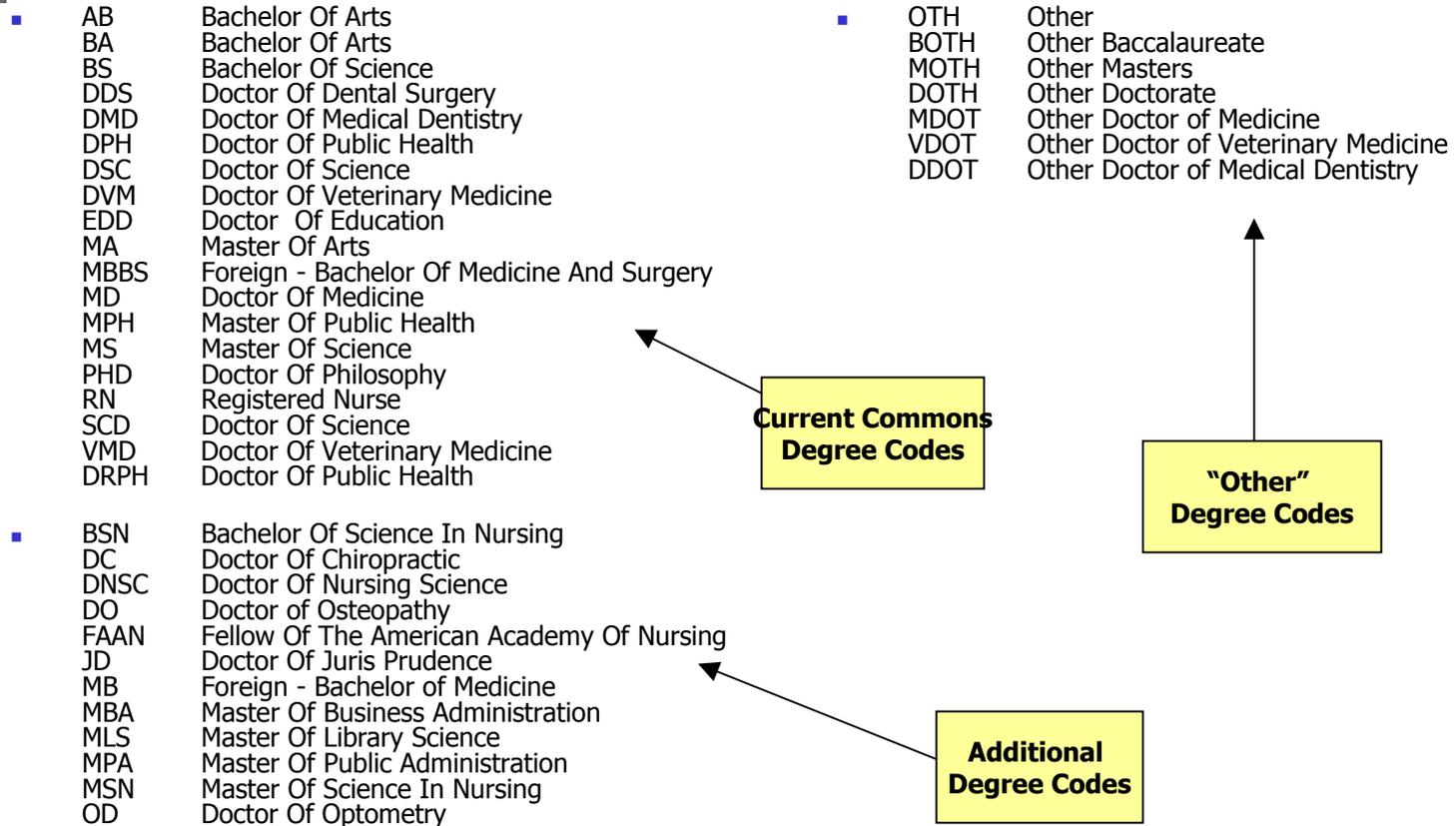
Degree Changes

- Degree codes and categories
- “Earned degree” information
- Duplicate degree records

Degree Codes and Categories

- 563 distinct degree codes currently in IMPAC II
 - Ineffective for management reporting
 - Data integrity issues
- New list of degree codes developed—start with degrees that represent 98% of the data
 - Additional queries done to find the top five degrees by IC
 - Degrees not on list can be entered in “other degree text” field, with corresponding generic degree code

New List of Degrees



Degree Categories and Subcategories

- Categories used for grouping by highest degree (e.g., summary statement)

- Not stated or cannot be determined
- No degree held
- Baccalaureate held
- Masters held
- Academic doctorate held
- Professional doctorate held

One "other degree" code to correspond to each subcategory

- Subcategories used for reporting granularity

- Other
- Baccalaureate
- Masters
- PhD Equivalent (PhD, SCD, DSC, DPH, DRPH)
- Other Doctorate
- Doctor of Medicine (or equivalent degree)
- Doctor of Veterinary Medicine (or equivalent degree)
- Doctor of Medical Dentistry (or equivalent degree)

Conversion of Person Degree Data



- For person degree records with degree codes not on the new list of degrees:
 - Move the degree code to “other degree text”
 - Set the degree code column to the appropriate “other” degree code value
- Example: DE (Doctor of Entomology)
 - For the person degree record, move ‘DE’ to the “other degree text” field
 - Set the degree code=‘DOTH’ (the “other” degree code for Other Doctorate)

Changes to Application



- Subcategory displayed to user on entry of degree
- User who enters “other” degree will be required to enter other degree text
- Reports and documents pull from degree field *or* from other degree text field, as appropriate
 - Use other degree text if degree is an “other” degree

New Screen Shot



IMPAC II - Person Administration - [Person]

File Edit Custom actioN Window Help

Sensitive Select/Return to REV Cancel/Rtn to Prsn Srch

PER Degrees

DEGREES This information is for the current profile.

PIN Person ID
[] 0001949424

Last Name First Name Middle Name
COHN AARON []

Co. Degree
(LOW) Category Other Degree Text Major Study Field
PHD PhD Equivalent (PhD, SCD, DSC, DF) [] 766 ABNORMAL PSYC:BEHAVIOR DEVIATIONS

DE *Note: If the degree code you are intending to enter is not on the degree pick list, please select one of the seven "Other" degree codes from the bottom of the list and enter the actual degree in the "Other Degree Text" field.*

Program Year Earned Minor Study Field
[] Y [] []

Obtained/Expected Reported Degree Institution
[] [] []

Details Cancel Save

COM1200 Problems? Call the Help Desk (301)402-7469 helpdesk@od.nih.gov 05/23/03 12:33

A code that uniquely identifies the degree.

Record: 1/2 List of Values <NSC> <DRG>

Earned Degree Changes

- Problem in the interpretation of earned degree information (deg_status_code)
 - For trainee data, and for F30 and F31, if the deg_status_code is null then the degree *is not* earned
 - For PI and Committee Member data (excluding F30 and F31), if the deg_status_code is null then the degree *is* earned.

Solution



- Convert existing null data to 'Y' or 'N', depending on the business context
- Set a default in the application:
 - If the calling module is TA, default the degree status code for a new person degree to 'N'; otherwise, default to 'Y'

Duplicate Degree Records

- People with more than one of a specific type of degree store that degree once for each occurrence
- Will collapse all degree records that are obvious duplicates
- Within the application, display a warning message upon entry of a duplicate degree

Future Changes

- Analyze and drop unneeded degree columns from the database
- Evaluate further collapses of duplicate degree records for a person, even with additional descriptor data
- Provide additional degree sort flexibility
- Provide validation on degree entry (e.g., give warning for fellowships if post-doc degree is being entered for pre-doc activity code)
- Correct study field text data
- Add database element to capture honors, fellowships, licenses, awards, or board certification.