ISNI and the PCC Pilot

Isabel del Carmen Quintana

With documentation from Amy Armitage, Mary Jane Cuneo, and Karen Carlson Young (Harvard University)

isni

Not
the Singer.

{ *Michele Smith* }
ISNI 1421 7586 3433 9962

ISNI 1421 7586 343 9962

isni

No,
not looking for
the Musician.

{ *Michele Smith* }
ISNI 1422 4586 3573 0473

1422 4586 3573 0473

isni

YES, the Author.

{ Michele Smith }
ISNI 7722 4586 1234 0422

What are ISNI and the PCC?

- ISNI = **I**nternational **S**tandard **N**ame **I**dentifier
  - Where? UK, France, Leiden
  - What? Entities: persons, corporate bodies
- PCC = Program for Cooperative Cataloging
  - Where? US, Canada, UK
  - What? Bibliographic records and entities, including persons, corporate bodies, families, bibliographic works, events, etc.
    - NACO (Name Authority Cooperative Program) authority records

PCC Pilot (background)

- Year-long pilot (July 2017-July 2018)
- Institutional participants (12) (including Harvard, Cornell, Stanford, UCLA, and others
- Three PCC Standing Committees and a Task Group.
- Pilot Focus Areas:
  - Documentation & training
  - ISNI maintenance best practices
  - Workflow & tools best practices
  - Batch processing template/workflow
  - API review/testing

NACO versus ISNI (the basics)

NACO (authority control)

- Manages access to entities by authorizing a unique form of name for each entity

- Focus is on the string

- Designed for humans to disambiguate names

- Unique, authoritative text string represents an entity

- Attributes may be added to the string to make it unique

ISNI (identity management)

- Process of associating a registered identifier with a single entity

- Focus is on the identity

- Designed for computers to link to unique entities

- Unique number represents an entity

- Attributes define and describe the entity, for humans and for algorithms

hide hints
save

filter

⊟ **Type of identity**
Person (7)
Organisation (1)

⊞ **Status**

⊞ **Creation class**

⊞ **Creation role**

1. 6 Battista, Giuseppe (1610-1675)
   Parere del Sig. Giuseppe Battista intorno alle precedenti poesie di Gio. Franc. Bonomi, riprovanti un invito di corte.

2. 1 Iohannes Baptista, (святой -ок.29)
   La figure de Jean-Baptiste dans les lettres françaises [atti del "Seminario Balmas"], Gargnano del Garda, 8-11 guigno 2011

3. 1 Iohannes Baptista, (sanctus)
   Sveti Ivan Krstitelj : ...

4. 1 John the Baptist, (Musical group)
   john the baptist musical group supermarket graveyard sr p

5. 1 Master of Saint John the Baptist, (German artist, active ca. 1467)

6. 1 Master of the Beheading of Saint John, (German painter, active 1495-1518)

7. 2 Master of the Life of Saint John the Baptist, (Italian painter, active ca. 1325-1350)
   The Feast of Herod and the Beheading of the Baptist

8. 3 Yohane Osuboni, (der Täufer v1-29)
   Mandaean Book of John

john the baptist [12]

hide hints

filter

⊟ **Type of identity**
  Person (2)

⊞ **Creation class**

⊞ **Creation role**

1. Battista, Giuseppe (1610-1675)
   Parere del Sig. Giuseppe Battista intorno alle precedenti poe

2. Yohane Osuboni, (der Täufer v1-29)
   Mandaean Book of John

john the baptist [2]

labels | sources data | marc21

edit record
save

ISNI:	0000 0000 8705 0000
Name:	Johannes (der Täufer)
	Yohane Osuboni

⊞ **Name variant**

Dates:	v1-29
Location / Nationality:	Israel
	Jordan
Titles:	Mandaean Book of **John**
	ادراشی اد یحیی

⊞ **Notes**

Sources:	VIAF DNB SWNL WKD

results search [and] (Name (NA:)) john the baptist | 2 hits

labels | sources data | marc21

Please help us improve this record

If you have any supplemental information about the identity listed here, please click in this box to go to the contribution form.

Thank you in advance!

ISNI: 0000 0000 8705 0000

Name: Døyparen Johannes
          Eoin Baiste
          Eòin Baistidh
          Gásttašeaddji Johanas
          Gioan Baotixita
          Giovanni Battista (santo cristiano)
          Giuanne Battista
          Gjon Pagëzori
          Ioan Botezătorul
          Ioan Fedyddiwr
          Ioannes Baptista
          Iōannēs (Baptistēs)
          Ivan Krstitelj
          Jan Chrzciciel
          Jan Křćenik
          Ján Krstiteľ
          Jan Křtitel
          Jānis Kristītājs
          Jean le Baptiste (cousin de Jésus et prophète selon

ISNI (bridge identifier)

Identifier	identifier type	identifier
Identifier	BOWKER	205175-9780262024
Identifier	ZETO	ETOCRN134961810-
Identifier	ZETO	ETOCRN157159043-
Identifier	ZETO	ETOCRN183493564-
Identifier	TEL	2000079834243#62
Identifier	TEL	2000079775708#58
Identifier	VIAF	113008952
Identifier	NTA	067916783

- John ‡c (Spirit)
- John-Steiner, Vera, ‡d 1930-
- John Stephen Sadananda
- John-Stewart, Grace
- John-Stucke, Kirsten, ‡d 1966-
- John Sue Saint
- John sundar, ‡d 1973-
- John ‡c (Surveyor), ‡d active 1684
- John Sutton, David St.
- John T. ‡q (John Trotter), ‡d 1726-1808
- John-Terry, Chris
- John the Baker
- John the Baptist
- John-the-Giant-Killer

010			n 78095804 ‡z sh 85070604
040			DLC ‡b eng ‡e rda ‡c DLC ‡d NjP ‡d DLC ‡d CtY-BR ‡d NjP ‡d DLC
100	0		John, ‡c the Baptist, Saint
400	0		Giovanni Battista, ‡c Saint
400	0		Ioann, ‡c Krestitel′, Saint
400	0		Īoann Predtech, ‡c Saint
400	0		Ioannes, ‡c Baptista, Saint
400	0		Iōannēs, ‡c ho Prodromos, Saint
400	0		Iōannēs, ‡c ho Vaptistēs, Saint
400	0		Jean Baptiste, ‡c Saint
400	0		Jean, ‡c le Baptiste, Saint
400	0		Jehan-Baptiste, ‡c Saint
400	0		Johannes, ‡c de doper, Saint
400	0		Johannes, ‡c der Täufer, Saint
400	0		Johannes, ‡c döparen, Saint
400	0		‡w nnaa ‡a John the Baptist
400	0		Juan, ‡c Bautista, Saint
400	0		Nabī Yaḥyá, ‡c Saint
400	0		Yaḥyá ibn Zakarīyā, ‡c Saint
400	0		Yūḥannā al-Maʿmadān, ‡c Saint
400	0		Joam Baptista, ‡c Saint
400	0		Jan Chrzciciel, ‡c Saint

NACO versus ISNI (input)

NACO

- Who: librarians; mostly in US and UK
- How:
  - Training program
  - Single record contributions
  - Quality control up front

ISNI

- Who: Libraries, property rights organizations, publishers, info aggregators; international
- How:
  - Training videos
  - Batch loads/Machine processes
    - Although manual input is possible as well
  - Quality control afterwards

NACO versus ISNI (provenance)

NACO

- "Usage" (literary warrant)
- Citations from publications and reference sources

  – Botticelli, Sandro, ‡d 1444 or 1445-1510

  Horne, H.P. Botticelli, painter of Florence, 1980: ‡b t.p. (Botticelli) p. 1 (Alessandro Filipepi, commonly called Sandro Botticelli; Alessandro, son of M. Filipepi)

ISNI

- Contributing ISNI member (Source)
- Corroboration (>1 Source)
- Algorithm findings, programmed confidence levels

  – Example: 028@ $S0#$aJohn the Baptist$fbaptizer of Jesus$2VIAF$2WKP

010			n 79021285
040			DLC ‡b eng ‡e rda ‡c DLC ‡d DLC ‡d OCoLC ‡d DLC ‡d OCoLC ‡d IEN ‡d UPB ‡d DLC ‡d NNC ‡d DLC
046			‡f 1932-01-05 ‡g 2016-02-19 ‡2 edtf
053		0	PQ4865.C6
100	1		Eco, Umberto
370			Alessandria (Italy) ‡b Milan (Italy) ‡2 naf
372			Semiotics ‡2 lcsh
373			Università di Bologna ‡2 naf ‡v New York times, viewed Feb. 22, 2016
374			Semioticians ‡a Novelists ‡a College teachers ‡2 lcsh
375			male
377			ita ‡a eng ‡a fre
400	1		Eko, Umberto
400	1		Eco, Humberto
400	1		Eko, Oumperto
400	1		
667			Machine-derived non-Latin script reference project.
667			Non-Latin script reference not evaluated.
667			Pseudonym not found on published works: Dedalus.
670			Il problema estetico in san Tommaso, 1956.
670			Umberto Eko i ukhanieto na rozata, 1987.
670			"Ho Aphorismenos," to "Onoma tou Rodou," 1989: cover (Oumperto Eko)
670			O Pensamento do fim do século, c1993: ‡b t.p. (Humberto Eco) p. 113 (Umberto Eco; b. in Piemonte, 01-05-1932)
670			Umberto Éko--paradoksy interpretatsii, 2000: ‡b t.p. (Umberto Éko)

Dates	birth		death		
	1932-01-05	i	2016-02-19		MUBZ
Dates	birth		death		
	1932-01-05	i	2016-02-19		VIAF
Dates	birth		death		
	1932-01-05	i	2016-02-19		NTA
Dates	birth				
	1932-01-05	i	BNF		
Dates	birth				
	1932	i	OCLCT		

NACO versus ISNI (corporate bodies)

- NACO: Change in name = new authority record

- ISNI: Only a change in structure = new ISNI

labels	sources data	marc21

edit record
save

Record no.: 085493449
Name: **Maryland State Veterinary Medical Association**
Name variant: MSVMA
Related names: **Maryland Veterinary Medical Association** (see also from)
Titles: board of directors meeting minutes sept 16
maryland veterinarian june, the
Notes:
Sources: VIAF LC
Publishers: Published for the **Maryland State Veterinary Medical Association**, Inc., by Ray Thompson and Associates, Inc.

marc21

ISNI: 0000 0001 0719 7131
Name: **Maryland Veterinary Medical Association**
Maryland Veterinary Medical Association (Publisher)
Name variant: MVMA
Veterinary Medical Association Maryland
Dates: began 1885-10-01
Location / Nationality: United States
United States **Maryland** Fallston
Creation class: Language material
Creation role: publisher
Related names: **Maryland** State **Veterinary Medical Association** (see also from)
Titles: good doctors, the
maryland state **veterinary medical association** board of directors meeting minutes sept 16
Notes:
Sources: VIAF DNB LC
BOWP

differentiate

What's the difference?

- Quintana, Isabel del Carmen
- Quintana, Isabel
- Quintana, Isabel
- Quintana y Gonzalez, Isabel C.

  - Related organization: Harvard University
  - Lives in: Methuen, Massachusetts, USA

Duplicates! (Oh no!)

Smith, William, ‡d 1933-

Smith, William, ‡d 1936 August 13-

Smith, William, ‡d 1945-

Smith, William, ‡d 1945 September 3-

Smith, William, ‡d 1946-

Smith, William, ‡d 1947-

Smith, William, ‡d 1948-

Smith, William, ‡d 1949-

Smith, William, ‡d 1950-

Smith, William, ‡d 1954-

Smith, William, ‡d 1962-

Smith, William, ‡d 1966-

Smith, William, ‡d 1975-

Smith, William, ‡d 1976-

Smith, William, ‡d 1977-

Smith, William A., ‡d 1869-

Smith, William A., ‡d 1964-

edit record
save

Possible merge: 110303156 92.857 <mark>Possible match</mark> compare

Record no.: 132639068

Name: MICHAEL, GEORGE

Creation role: performer

Notes:

Sources: IPDA

Possible merge: 110303156 92.857   Possible match   under comparison →

Record no.:   132639068

Name: MICHAEL, GEORGE

Creation role: performer

Notes:

Sources: IPDA

ISNI: 0000 0001 1030 3150

Name: George Michael (English singer-songwriter, musician, producer)
Michael, George
PANAYIOTOU, GEORGIOS
Майкл, Д
Майкл, Джордж

Name variant: Corc Maykl
Džordž Majkl
Džordžs Maikls
G.K. Panayiotou
Georg Michael
George Michael
George Michael (britischer Sänger und Komponist)
George Michael (britisk sanger)
George Michael (britisk songar)
George Michael (Brits zanger)
George Michael (brittisk sångare)
George Michael (cantante britannico)
George Michael (chanteur britannique)
George Michael (piosenkarz i kompozytor brytyjski)
George Micheal
Georgios Kyriacos Panayiotou
Michael George
Michael, George
Panayiotou, Georgios K.

labels	sources data	marc21

edit record
save

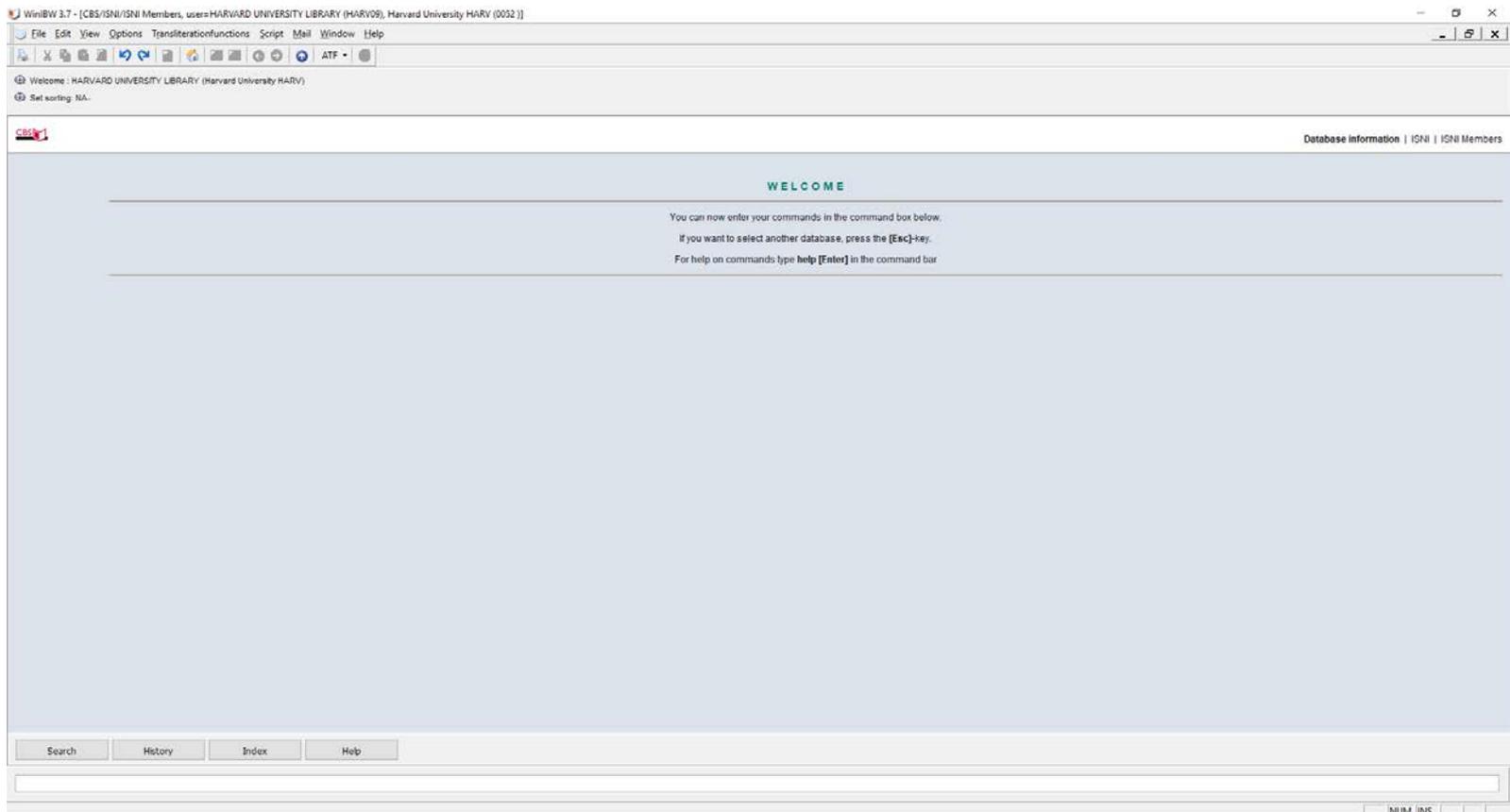|	
Possible merge:	119312387 100.000 Possible match compare
	121505804 97.993 Possible match compare
Record no.:	413446883
Name:	**Dartmouth College** (Publisher)
Location / Nationality:	United States New Hampshire Hanover
Creation class:	Language material
Creation role:	publisher
Notes:	
Sources:	BOWP

Harvard's work in ISNI

- https://wiki.duraspace.org/display/PCCISNI/PCC+ISNI+Pilot+Home

- Harvard projects:

  - Graduate School of Design faculty

  - Harvard Film Archives

  - John F. Kennedy School of Government (Harvard)

  - Harvard Repository Names Normalization (a corporate body project)

Web interface or client

- ISNI has a client tool as well: WinIBW

ISNI work on Kennedy project

- Lewis Branscomb
    - Emeritus professor; writes on science, technology, disaster resilience; PhD in physics in 1950

Lewis Branscomb is Public Service Professor of Public Policy and Corporate Management in the Aetna Chair Emeritus and former Chair of the Program on Science, Technology and Public Policy (1986 – 1996) in the BelferCenter in HKS. He is also Adjunct Professor at the University of California, San Diego and Distinguished Research Fellow in the Institute for Global Conflict and Cooperation of the University of California. A former Director of the National Bureau of Standards (1969 – 1972, now NIST) and Vice President and Chief Scientist of IBM (1972 – 1986), he served as Chairman of the National Science Board (1980 – 1984). A pioneer in negative ion photodetachment, he is author of books on science and technology policy, disaster resilience and counter terrorism, and early stage technology innovation. His AB in physics is from DukeUniversity (*summa cum laude*, 1945) and physics PhD in 1950 from Harvard, where he was a Junior Fellow in the Society of Fellows.

NACO file

Branscomb, Lewis C. ‡q (Lewis Capers), ‡d 1911-	1	
Branscomb, Lewis Capers, ‡d 1911-	1	
Branscomb, Lewis M., ‡d 1926-	1	
Branscomb, Louisa	1	

010		n 50043066
040		DLC ‡b eng ‡e rda ‡c DLC ‡d ICU ‡d IEN
046		‡f 19260817
100	1	Branscomb, Lewis M., ‡d 1926-
370		Asheville, N.C. ‡c U.S. ‡f Cambridge, Mass.
373		Duke University ‡2 naf
373		Harvard University ‡2 naf
373		Joint Institute for Laboratory Astrophysics ‡2 naf
373		United States. National Bureau of Standards ‡2 naf
373		International Business Machines Corporation ‡2 naf
373		Belfer Center for Science and International Affairs ‡2 naf
374		Physics ‡a Science and state ‡2 lcsh
400	1	Branscomb, L. M. ‡q (Lewis M.), ‡d 1926-
670		His Astrophysical and plasma physics research ... 1961.
670		LC data base, 8-14-90 ‡b (hdg.: Branscomb, Lewis M., 1926- ; usage: Lewis M. Branscomb; L.M. Branscomb)
670		Website of Belfer Center, viewed July 15, 2013: ‡b Lewis M. Branscomb (B.A., Duke University, Ph.D., physics, Harvard, co-founder of Joint Institute for Laboratory Astrophysics at the University of Colorado, director, U.S. National Bureau of Standards, vice president and chief scientist of IBM Corporation, Member of the Board, Belfer Center for Science and International Affairs, pioneered the study of atomic and molecular negative ions and their role in the atmospheres of the earth and stars)
670		Wikipedia, viewed July 15, 2013: (b. August 17, 1926 in Asheville, N.C., writer on science policy issues.)

ISNI

ISNI continued

日本のハイテク技術戦略：トリクルダウンによる成長

Contributed to or performed:	ISSUES IN SCIENCE AND TECHNOLOGY TECHNOLOGY IN SOCIETY
Notes:	Wikipedia https://en.wikipedia.org/wiki/Lewis_M._Branscomb Wikidata
Sources:	VIAF DNB LC LNB NDL NKC NLI NSK NUKAT SUDOC WKD BOWKER NTA SCHU TEL ZETO
Publishers:	Elsevier Science B.V., Amsterdam.

J. F. Kennedy School Government, Harvard U, Cambridge, MA
John F. Kennedy School Government, Harvard U
JOHN WILEY & SONS LTD
Johns Hopkins University Press for Resources for the Future, Washington, D.C.
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1986 as vice president and chief scientist. His service to U.S. presidents and Congressional committees includes a stint (2980-84) as chair of the National Science Board. He has written
technology policy in different nations, information technology, management of technology, and atomic and molecular physics. Address: John F. Kennedy School of Government, Harvard U
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MIT Press
National Academy Press
North-Holland Pub. Co.
NTT出版
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University of California San Diego./p
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Robert A. Welch Foundation
School of International Relations and Pacific Studies, Scripps Institution of Oceanography, University of California-San Diego, San Diego, CA 92093-0519, USA. lbranscomb@ucsd.edu

NACO updates

010		n 50043066
024	7	0000000110842031 ‡2 isni
040		DLC ‡b eng ‡e rda ‡c DLC ‡d ICU ‡d IEN
046		‡f 19260817
100	1	Branscomb, Lewis M., ‡d 1926-
370		Asheville, N.C. ‡c U.S. ‡f Cambridge, Mass.
373		Duke University ‡2 naf
373		Harvard University ‡2 naf
373		Joint Institute for Laboratory Astrophysics ‡2 naf
373		United States. National Bureau of Standards ‡2 naf
373		International Business Machines Corporation ‡2 naf
373		Belfer Center for Science and International Affairs ‡2 naf
373		John F. Kennedy School of Government ‡2 naf
374		Physics ‡a Science and state ‡2 lcsh
400	1	Branscomb, L. M. ‡q (Lewis M.), ‡d 1926-
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670		Wikipedia, viewed July 15, 2013: (b. August 17, 1926 in Asheville, N.C., writer on science policy issues.)
670		Harvard Kennedy School website, viewed September 6, 2018 ‡b (Lewis Branscomb is Public Service Professor of Public Policy and Corporate Management in the Aetna Chair Emeritus and former Chair of the Pr... photodetachment, he is author of books on science and technology policy, disaster resilience and counter terrorism, and early stage technology innovation. His AB in physics is from Duke University (summa cum ...

ISNI updates

- I will try to do this live as a demonstration.
  - Add to Lewis Branscomb
    - Affiliation: John F. Kennedy School of Government, PPN 405461275; related, is affiliated with (no dates)

Summary

- Authority work versus identity management
- Similar: differentiate, do not duplicate
- Difference: work in batches (although clean up manually); focus on machine consumption of data; no need for a unique name string

ISNI (what's to come?)

- Local authority files
- Data cleanup and enhancement
- Workflows for certain names?
  - Thesis authors
  - Thesis advisors
  - Names of clubs at the university
- ISNI PCC Training Task Group (chaired by John Hostage at Harvard)

Thanks for your time

- Any questions?