

# Hamid Nach, Ph.D.

## Professor

### *Information systems*

University of Quebec at Rimouski (UQAR), Lévis Campus.  
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 hamidnach.com  
 scholar.google.ca/citations?user=9lgr9TsAAAAJ



#### PROFILE

Dr. Hamid Nach is professor of Information Systems (IS) at the University of Quebec at Rimouski, Lévis Campus. He worked in the private sector before he enrolled in academia. His research interests concern generally the study of how people use and transform information technologies (IT) and how, in return, IT transform their lives. His principal interest of research bears on the study of the intertwining relationship between IT and identities. The results of his work appear in journals like, *Computers in Human Behavior* and *Management Research Review* and were presented in several international conferences. Dr. Nach teaches undergraduate and graduate classes in the field of management information systems and digital technologies. His teaching covers a wide range of IS related areas such as, IS strategy, IT management, e-commerce, web marketing, and social media. One of his major achievement at UQAR is the development of BAA major program in Business Technology Management: <http://itactalent.ca/>.



#### EDUCATION

University of Quebec at Montreal, Canada

2006-2011

- Ph.D. in Business Administration – Major in Information systems.
- Thesis: “Essays on the impact of information technology on identity”
- Dissertation jury: Lejeune Albert (UQAM), Marlei Pozzebon (HEC Montreal), Hélène-Vidot Delerue (UQAM), John Ingham (University of Sherbrooke).
- Honorable mention

*Last update March 13, 2017*

# Hamid Nach, Ph.D.

## Information systems professor

### University of Quebec at Montreal, Canada

2003-2005

- M. sc. Management Information systems.
- Thesis: Facteurs clefs de succès d'implantation d'un progiciel de gestion intégré dans les petites et moyennes entreprises: vers la création d'un dispositif d'apprentissage
- Thesis supervisor: Lejeune Albert, (UQAM),
- Honorable mention

### Rabat Faculty of Sciences, Morocco

1991-1995

- *Bachelor in Physics/Electronics*



## WORK EXPERIENCE

### Professor (Information Systems) (*Tenured*)

2011-...

Unité départementale des sciences de la gestion  
Université de Québec at Rimouski, Lévis campus, Canada.

### Lecturer

(2006-2010)/2015

Management and Technology Department  
ESG, University of Québec at Montreal, Canada.

### Senior IT analyst

2004-2006

Mancomm Performance, Montreal, Canada

### IT-Business unit manager

1999-2002

Meditelcom, Casablanca, Morocco

### IT analyst

1998-1999

Physicom, Rabat, Morocco

### Web programmer

1997-1998

CyberInfo, Rabat, Morocco



## RESEARCH INTERESTS

- Digital technologies adoption and use
- Digital transformation
- Individual and group identities
- Collaborative technologies
- Fintechs

# Hamid Nach, Ph.D.

## Information systems professor



### TEACHING INTERESTS

- Information systems
- E-marketing, E-commerce, E-Business
- IS strategy, IT governance, IS security
- Digital transformation



### PUBLICATIONS:

#### Peer-reviewed journals

- Nach, Hamid. (2015) Identity under Challenge: Examining User's Responses to Computerized Information Systems, *Management Research Review*, 38(7) pp. 703-725.
- Nach, Hamid (2014) "Visualizing Social, Cloud and Mobile Security Issues" *The International Journal of Computer Science and Communication Security (IJSCS)*, 4(1) 81-83.
- Nach, Hamid. and Lejeune, Albert. (2010) "Coping with information technology challenges to identity: A theoretical framework": *Computers in Human Behavior*, 26(4), pp. 618–629.
- Paré, Guy, Boudreau, Simon, Marsan, Josianne, Nach, Hamid. & Shuraida, Shadi. (2008) "Re-Examining the Causal Structure of Information Technology Impact Research", *European Journal of Information Systems*, 17(4) pp. 403-416.

#### Book chapters

- Nach, Hamid (2016) "Project Management 2.0: Towards the renewal of the discipline" in *Strategic Integration of Social Media into Project Management Practice*. Ed. Silviu, Gilbert . IGI Global Advances in IT personnel and Project Management. pp. 1-15.
- Nach, H. (2012) "Structuring Knowledge for Enterprise Resource Planning Implementation Through an Ontology" in, *Ontology-Based Applications for Enterprise Systems and Knowledge Management*. Mohammad Nazir Ahmad (Ed), Universiti Teknologi Malaysia (UTM), Malaysia.
- Nach, H. (2011) "Who Do You Think I Am? An Analysis of the 'IT Professional' Identity" In *Social identity*, Ed. Michael Wearing. Nova Science Publishers, pp. 109-127.

# Hamid Nach, Ph.D.

## Information systems professor

### Peer-reviewed conference proceedings and abstracts

- Boudreau, Marie-Claude, Nach, Hamid, Lejeune Albert (2016) « Intergroup Collaboration: An Examination through the Lenses of Identity and IT Affordances » The International Conference of Information systems ICIS, December 11-14, Dublin, Ireland. **[Nominee for Best Research in Progress Award]**
- Nach, Hamid, Boudreau Marie-Claude, Lejeune Albert (2016) « Examining Interorganizational Collaboration: The Intergroup Relational Identity Perspective» The 44<sup>th</sup> Conference of the Administrative Sciences Association of Canada (ASAC), June 4 -6 Edmonton, Alberta. **[Best Paper Award]**
- Lejeune, Albert; Nach, Hamid, Rizkallah, George. & Aksenova, Gulnaz. (2016) " Finnish BIM Pioneers: Like Hackers Architects in a Community Studio" In the proceedings of ISPIM Innovation Forum, Boston, Massachusetts 13-16 March 2016.
- Nach, H & Lejeune, A. (2016) " L'analytique des médias sociaux : Les enjeux, les métriques et les outils" dans le cadre du colloque, « Exploration des nouvelles tendances de recherche sur les médias sociaux » ACFAS, 9-13 mai, Montréal 2016
- Nach, Hamid & Lejeune, Albert. (2015) " The Role of Identity in Adopting Building Information Modeling: A Comparative Study", In. the proceedings of the 21st Americas Conference on Information System (AMCIS). Puerto Rico, 13-15 August 2015.
- Nach, H. (2015) « Digital Inequality in Arab Countries », World Social Science Forum, South Africa, 13-16 September 2015.
- Nach, Hamid (2015), "Identity and digital Technologies: Towards an integrative framework" 6th International MCETECH Conference on e-Technologies, May 12-15, Montréal, Canada.
- Nach, H. (2014) "L'identité et les nouvelles technologies, vers une meilleure compréhension" 82ième congrès de l'ACFAS, Université de Concordia, Montréal, Canada 12-16 Mai.
- Nach, H. (2014) "Les technologies mobiles et sociales en enseignement supérieur : Le nouvel horizon" 1er colloque international TICE et pédagogie active, Ouarzazate, Maroc, 4-6 Décembre.
- Nach, H. (2014) "Connecter la classe par un réseau social : Google Plus est la place où être" 2ième Colloque international sur les TIC en éducation. Montréal, QC. Canada, 1-2 Mai 2014.
- Nach, H. (2013) "Using Social Media in Project Management" BIT's 2nd Annual World Conference of Emerging InfoTech 2013, Dalian World Expo Center, China, 20-22 June.

# Hamid Nach, Ph.D.

## Information systems professor

- Nach, Hamid & Pelletier, Suzanne. «Utiliser Google plus en enseignement supérieur: cas d'un cours de MBA » Dans les actes de la conférence « Questions de pédagogies dans l'enseignement supérieur », Sherbrooke, Canada, 2 au 5 juin 2013.
- Nach H. and Lejeune, A. (2012) "Identity under Challenge: Examining User's Responses to Information Systems Implementation" In the Proceedings of the Administrative Sciences Association of Canada (ASAC) Conference, St-John, Newfoundland, Ontario, 9-12 June.
- Nach, H. and Lejeune, A. (2009) "A Model of Individual Coping With Information Technology Challenges to Identity", In the proceedings of the 15th Americas Conference on Information System (AMCIS). San Francisco, California. August 2009.
- Nach H. and Lejeune, A. (2009) "The Impact of Information Technology on Identity: Framing The Research Agenda" In the Proceedings of the Administrative Sciences Association of Canada (ASAC) Conference, Niagara Falls, Ontario, 6-9 June. The paper received the "Honorable Mention Award" of the Information Systems Division.
- Nach, H. & Lejeune, A. (2008) "Implementing ERP in SMEs: Towards an Ontology to Support Managerial Decisions" In the Proceedings of the International MCETECH Conference on e-Technologies - IEEE Computer Society Associated - 2008, January 23-25, 2008, Montréal, pp. 223-226.
- Nach, H. & Lejeune, A. (2008) « Vers une ontologie des processus de gestion TI : le cas de l'implantation des ERP dans la petite et moyenne entreprise », » In the Proceedings of the 9th African Conference on Research in Computer Science and Applied Mathematics , 27-30 October 2008, Rabat, Morocco
- Lejeune, A. Delerue, H Curmin, P. and H. Nach (2007) "Ontology commitment as a coping mechanism in emergency situations". In the proceedings of the Fifth Pre-ICIS SIG DSS Workshop , Decision Support for Extreme Events: Learning from Success and Failure, Sunday, December 9, Montreal, Quebec, Canada.
- Paré, G., Bourdeau, S., Marsan, J., Nach, H., & Shuraida, S. (2007) "Re-Examining the Causal Structure of IT Impact Research: Some Preliminary Evidence", 2007 ASAC Conference -Information Systems Division, Ottawa, Ontario, 3-6 June 2007. This paper has received the "Best Paper Award" of the IS Division.
- Lejeune, A. Delerue, H Curmin, P. et H. Nach (2007) « Création d'ontologies et de capacités stratégiques : Une expérience dans le secteur des biotechnologies au Canada » 7ème Conférence Internationale de Management des Réseaux d'Entreprises UQAM, PRE-ICIS'2007, 8 Décembre 2007, Montréal, Canada.

# Hamid Nach, Ph.D.

## Information systems professor

- Nach, H. et Lejeune, A. (2007) «Les technologies redéfinissent-elles l'identité des professionnels des TIC? Une étude exploratoire à l'aide de la cartographie cognitive». In the Proceedings of the AIMS Conference - Association Internationale du Management Stratégique -, Montreal, Canada (June, 2007).
- Nach, H., (2006) « Les risques d'impartition des technologies de l'information, une analyse par la cartographie cognitive». In the proceedings of the AIMS conference – Association Internationale du Management Stratégique -, June 2006, Annecy, France.
- Nach, H. (2011) «Technologies de l'information et identité : un modèle processuel d'adaptation» 75ième congrès de l'ACFAS, Université de Sherbrooke, Canada 9-13 Mai
- Lejeune, A., Vidot-Delerue, H. Curmin, P. Nach, H. and Boileau, S. (2008) "Preparing Community Members to Enact Specific Roles in Emergency Situations: A Research Agenda" 5th International Conference on Information Systems for Crisis Response and Management - ISCRAM 2008 - Washington, May 4-7.
- Lejeune A. et Nach, H. (2007) « Une démarche et un dispositif pour l'amélioration des capacités d'enseignement et de recherche en système et technologie de l'information (Projet RESO)» 75ième congrès de l'ACFAS, Université de Québec à Trois Rivières, Trois Rivières, Canada. 7-11 Mai.
- Lejeune, A. Lemire, G. et Nach, H. (2005). « Vers une démarche ontologisante pour la formation en gestion avec la plateforme Moodle », Actes de la conférence MoodleMoot, Brest, France (juin, 2005).

### Keynote speaker

- Nach, H. (2015) « Les enjeux de la sécurité en commerce électronique » The 2nd International Conference on Cybercrime and Cybeseurity ICC-CS 201, 4-5 Juin 2014, Tetouan, Maroc.
- Nach, H. (2014) « Les enjeux de la sécurité d'entreprise au niveau des usages des médias sociaux, du mobile et de l'infonuagique » Le colloque international de Cybercriminalité, 24 - 25 Juin 2014, Kénitra, Maroc.

### Invited speaker at scientific or public conferences

- Nach, Hamid (2016), " Le cybercrime à l'ère de l'internet des objets" Association de la sécurité de l'information de Québec, ASIQ, Montréal, QC, 18 Novembre.

# Hamid Nach, Ph.D.

## Information systems professor

- Nach, Hamid (2016), "La cybercriminalité à l'ère de l'internet des objets / CyberCrime in the era of the Internet of Objets " Association de la sécurité de l'information de Québec, ASIQ, Québec, QC, 18 Nov.
- Nach, Hamid (2016), "Le mobile, le nouveau terrain de jeux des cybercriminels " Association de la sécurité de l'information de Québec, ASIQ, Québec, QC, 13 avril.
- Nach, Hamid (2015), "L'infonuagique, les réseaux sociaux et le mobile comme moteur de l'innovation en pédagogie universitaire" Formation @ distance Interordres (FADIO), Rimouski, 14-15 Juin.
- Nach, H. (2014) "La pédagogie universitaire à l'ère du SoCloMo" Présentée dans le cadre des conférences C-Utile. La communauté de pratique pour l'utilisation des technologies de l'information dans l'enseignement, UQAR, 12 Nov.
- Nach, H. (2014) "La classe connectée grâce aux réseaux sociaux" 46e Congrès de l'Association québécoise d'information scolaire et professionnelle (AQISEP), 18-20 Juin Rimouski.
- Nach, H. (2014) "Sortez vos téléphones et tablettes, le cours commence!" 5ième colloque de pédagogie universitaire. Lévis, 9 et 10 Juin.
- Nach, H. (2013) « Utilisation de Google+ comme outil pédagogique en classe » Pré-colloque en pédagogie universitaire. L'utilisation d'outils technopédagogiques dans l'enseignement universitaire. Rimouski, 10 Juin, Canada.
- Nach, H. (2013), « L'identité mise au défi par les technologies : un examen des réponses des usagers » Série de conférence, Midi-recherche, UQAR.
- Nach, H. (2013) "Pour une présentation percutante, repensez votre Powerpoint" La chambre de commerce de Lévis. Aile Jeunesse, Lévis, 9 Octobre.
- Nach, H. (2012) « Vers la gestion de projet 2.0 », Colloque en gestion de projet, Lévis, QC, 24 Avril.

### Research note

- Paré, G., Boudreau, S., Marsan, J. Nach, H. Shuraida, S. (2007) « Re-examining the Causal Structure of IT impact research » Cahier Du GReSI, no. 07-01, HEC Montréal, Jan. 17m pages.

### Webinar

- Nach, Hamid (2017) « À l'ère du numérique, comment favoriser l'engagement des étudiants? » Webinaire du GRIIP, Le réseau de l'Université de Québec. <http://bit.ly/2miTX9E>

# Hamid Nach, Ph.D.

## Information systems professor

- Nach, Hamid (2016), "Le cybercrime et le virage mobile" Hosted by the Polytechnic Montreal, Québec, QC, 30 April.

### Other publications (expert reports)

- Suzanne Pelletier, Hamid Nach (2013) « Évaluation de la perception des PUQ auprès du public ». Presses de l'Université de Québec.
- Lajoie Jean-Yves, Pelletier Suzanne, Nach Hamid, Beaudry Catherine (2012). Projet EFAS « Espace de Formation, d'Apprentissage et de Soutien professionnel, Développement d'une communauté de pratique en gestion des ressources humaines pour les entreprises de la région Chaudière-Appalaches. », le MELS (Ministère de l'Éducation, des Loisirs et du Sport): 258 000\$.

### Work in the media (based on given interviews)

- Artificial Intelligence and the mobile (Journaliste Martine Bordeleau) Radio Canada <http://hamidnach.com/mobile-lintelligence-artificielle-entrevue-radio-canada/>
- The impact of digital technologies on the music industry, Radio Canada, East (Via skype).
- "BTM at UQAR" : Radio CFIM (Journalist, Mr. Pierre Aucoin) <http://hamidnach.com/gta-radio-cfim/>
- "Youtube Kids in Canada, the opportunities and the challenges" ICI.RADIO.CANADA. (Journalist, Mr. Alexandre Duval) <http://hamidnach.com/youtube-kids-la-chronique-dalexandre-duval-radio-canada/>



### RESEARCH IN PROGRESS

- Nach, Hamid, Boudreau Marie-Claude, Lejeune Albert (2017) « A Study of the Quebec Finland Gap in Building Information Modeling (BIM) use: The identity perspective (2014-2016) CRSH: 65 000 .

*Boudreau Marie-Claude (Terry College of Business), Albert Lejeune (UQAM) and I are working on a research project that uses the intergroup relational identity theory as a guide to explain how collaboration unfolds within interorganizational systems. Using a qualitative, inductive and grounded approach, we conduct two field studies (one in Finland, the other in Quebec) to compare and contrast the very different appropriation of an interorganizational system within the Architecture, Engineering and Construction (AEC) industry,*



# Hamid Nach, Ph.D.

## Information systems professor

- Virginie Martel, Jean-François Boutin, Isabelle Beaudoin, Monica Boudreau, Rakia Laroui, Julie Mélançon, Sol Tanguay, Hamid Nach, Nicole Allard « Littératie illustrée enseignement et apprentissage universitaire : représentations et pratiques d'apprentissages formels et informels de futurs bacheliers de l'UQAR »



### RESEARCH GRANTS

#### Awarded research projects (external agencies)

- Lejeune, Albert (UQAM), Hamid Nach (UQAR), Daniel Forgues (ÉTS), "Aspects cognitifs de l'implantation des maquettes numériques (BIM) dans l'industrie de la construction" CRSH, 65 000\$.

#### Awarded research projects (Internal)

- Nach, H. (2012) "Towards a Theory of Ambivalence in Users' Responses to Information Technology": FIR, 7500 \$
- Nach, H. (2013) "Aide au positionnement et à la diffusion des projets de recherche » UQAR-CRSH : 1 600\$
- Nach, H. « C-Utile. La Communauté de pratique pour l'Utilisation des Technologies de l'Information dans l'Enseignement » UQAR-UQ-FODAR : 11 000\$
- Boudreau, Marie-Claude, Nach, Hamid, Lejeune Albert (2016) « Intergroup Collaboration: An Examination through the Lenses of Identity and IT Affordances » The International Conference of Information systems ICIS, December 11-14, Dublin, Ireland. **[Nominee for Best Research in Progress Award]**



### ACADEMIC PRIZES AND AWARDS

- **[Nominee for Best Research in Progress Award]** « Intergroup Collaboration: An Examination through the Lenses of Identity and IT Affordances » 2016
- **Best Paper Award** for the paper " Examining Interorganizational Collaboration: The Intergroup Relational Identity Perspective " Information systems Division, ASAC. 2016
- **Honorable Mention Award** for the paper "The Impact of Information Technology on Identity, Framing the Research Agenda", IS division, ASAC, 2009
- **Best Paper Award** for the paper "Re-examining the Causal Structure of Information Technology Impact Research" a IS Division, ASAC, 2007
- **Honorable Mention for the Ph.D. academic excellence** 2011

# Hamid Nach, Ph.D.

## Information systems professor

- **Honorable Mention for the M.sc academic excellence** Mention 2005
- Grant UQAM F.A.R.E (1000 \$) 2009
- Grant InnoV Research group (20 000\$) 2007-2008-2009
- Grant HEC Montréal (3000\$) 2009
- Concordia University (5000\$) 2007
- Groupe de recherche MATEB (5000\$) 2006
- Grant ASAC (600\$) 2007-20019
- ESG, UQAM (3000\$) 2007-2008-2009



### TEACHING / COURSE DESIGN

#### Executive MBA Program

- MBA8412 : L'information et la technologie de l'information
- MBA8C12 : L'information et la technologie de l'information dans le domaine des sciences comptables

#### M.Sc. Program

- MGP708U: Gestion de projets en commerce électronique
- MET8310 Aspects stratégiques, économiques et financiers des technologies d'information

#### BAA Program

- SIO101-10: Introduction aux systèmes d'information organisationnels.
- GT205-14: Technologies et affaires numériques
- ADM101-08: Stratégies d'affaires numériques.
- MET5200 Management, information et systèmes
- ACG100: Analyse et présentation de cas en gestion



### TEACHING EFFECTIVENESS

- Student evaluations of teaching effectiveness — Average score: **91/100**.
- Evaluation details can be provided upon request



### COACHING

#### Students

- Co-Coach, BTM Battle, web team (2017).

# Hamid Nach, Ph.D.

## Information systems professor

- Co-Coach, Happening Marketing, web team (2016).
- Co-Coach, Happening Marketing (2015).
- Coach, “Jeux de commerce”, Marketing (Hiver 2014)
- Successful Co-Coaching, Happening Marketing (2013)  
<http://www.uqar.ca/uqar-info/deux-equipes-de-lugar-se-distinguent-au-happening-marketing/>
- Coaching « Project management competition » (2013).

### Lecturers / teaching assistants

- Sidi Mahmoud Aidara Mbibi
- Hichem Klabi
- Jean Descoteaux
- Abdillahi Charmake Abdillahi



### SERVICES TO THE ACADEMIC COMMUNITY

#### External

- Member of Business Technology Management Accreditation Council (BTMAC), Canada
- Faculty member of the peer review FQRSC committee: Doctoral Scholarships Grants Competition (2016).
- Information System Divisional Editor (2017): Administrative Sciences Association of Canada
- Information System Program Coordinator (2016): Administrative Sciences Association of Canada
- Reviewer: « Organizational Design & Enterprise Engineering ». Reviewer: International Journal of Productivity Management and Assessment technology
- Reviewer: European Conference on Information Systems.
- Reviewer: America Conference on Information Systems.
- Reviewer: Atlantic Schools of Business Conference.
- Reviewer: Administrative Sciences Association of Canada.
- Reviewer: IGI Global.
- Discussant: Administrative Sciences Association of Canada.
- Member of the scientific board of “The International Journal of Scientific Research and Innovation”
- Member of the scientific board of “Centre Marocain de Recherches Polytechniques et d’Innovation »
- Co-organization of the BTM Talentmash, (Business Technology Management), Québec, Oct., 3<sup>th</sup> 2015, Concordia University, Montréal.
- Member of the Association of Information systems.
- Member of the Administrative Sciences Association of Canada.
- Member of InnoV research Group (2006)
- Member of MATEB research Group (2006-2007)

#### Internal

# Hamid Nach, Ph.D.

## Information systems professor

- Participation to the new professors recruiting process (2013/2016)
- Member the “University Affairs” committee
- Member of the “Business Administration Module” committee (2015-2016 / 2016-2017).
- Member of the “executive MBA program ” committee (2013-2014 / 2016-2017)
- Member of the “Business Administration BAA program revision” committee (2012-2014)
- Member of the “M.sc in Management Program Development” committee (2015)
- Member of jury: Competition « Your Business Plan in 10 mn » (2014).
- Evaluation of applications for the “PMI Excellence Grant”, Project management program
- Evaluation of applications for the “UQAR Excellence Grant”, Project management program
- Evaluation of applications for the “UQAR Excellence Grant”, Research Track
- Evaluation of applications for the “UQAR foundation Merit Award”



### DEVELOPEMENT

- Development of the **Business Technology Management** program at BAA level, (Starting 2013) The new program comprises 10 information technology related courses and meets the requirement of the ITAC Talent learning objectives (Information Technology Association of Canada).
- Taking charge of the UQAR’s BTM program **accreditation** process with ITAC Talent instances.



### INVITED SPEAKER AT UNIVERSITIES

- *Vlerick Management School, Belgium*
- *École des sciences de la gestion, UQAM, Canada.*
- *Rennes Business School France.*
- *Euromed Business School, France*



### MEMBER OF M.SC EVALUATION COMMITTEES

- Mr Qing Hao WANG (Thesis supervisor: Dr. Didier Urli).
- Mr Zhang Wei (Thesis supervisor: Dr. Didier Urli).
- MR Rostom chorfi (Thesis supervisor: Mr. Jean-Yves Lajoie).
- Mme Marie-Claude Létourneau (Thesis supervisor: Mr Jean-Yves Lajoie).



### RESEARCH GROUP

- Co-founder of the **COSIMA2** research group (Cognition, Soutenabilité, Infrastructures, Modèle d’Affaires et Architectures) (Albert Lejeune, UQAM, Co-founder)

# Hamid Nach, Ph.D.

## Information systems professor

- Web site: [www.cosima.ca](http://www.cosima.ca)



### CONTINUAL EDUCATION

- « Big Data », Coursera certificate
- « Journée de l'informatique du Québec », 2012 (Centre des congrès de Québec)
- « Social media for Business » conference, Levis 'May 7<sup>th</sup> 2013
- « Tribune des CIO conference», Ottawa, 5 Mars, 2013



### LANGUAGE SKILLS AND CITIZENSHIP

- French (fluent)
- English (fluent)
- Arabic (fluent);
- Spanish (in progress)
- Citizenship: Canadian



### REFERENCES

- Provided upon request