



Aalborg Universitet

AALBORG UNIVERSITY  
DENMARK

## De-Internationalization of Universities

*An Exploratory Study*

Turcan, Romeo V.; Gulieva, Valeria

*Publication date:*  
2014

*Document Version*  
Early version, also known as pre-print

[Link to publication from Aalborg University](#)

*Citation for published version (APA):*

Turcan, R. V., & Gulieva, V. (2014). *De-Internationalization of Universities: An Exploratory Study*. Paper presented at 5th Aalborg Conference, Rebild, Denmark.

### General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal -

### Take down policy

If you believe that this document breaches copyright please contact us at [vbn@aub.aau.dk](mailto:vbn@aub.aau.dk) providing details, and we will remove access to the work immediately and investigate your claim.

# **De-Internationalization of Universities: An Exploratory Study**

*Romeo V. Turcan, Aalborg University, Denmark*

*Valeria Gulieva, Aalborg University, Denmark*

## **INTRODUCTION**

The extant research on university internationalization has mainly focused on the micro-level: arrangement of student and staff mobility, engagement of the faculty members in university internationalization, internationalization of the curriculum, development of a global mindset, establishment of academic partnerships with foreign universities, participation in the global university networks and consortia (Bartell 2003; Friesen 2013; Horta 2009; Jiang and Carpenter 2011; Pfotenhauer et al. 2012; Urbanovic and Wilkins 2013). However, scarce attention has been paid to the internationalization at mezzo and macro levels: internationalization via green field investment, e.g., branch campuses or via joint ventures or licensing or franchising (Turcan and Gulieva 2013; for exception, see Bennett and Kane 2011; Hughes 2011; Wilkins and Huisman 2011). Moreover, our understanding of how and why universities withdraw from international markets or de-internationalize is even more limited.

The latter is the focus of our paper. We aim in this paper to advance our theoretical understanding of university de-internationalization. We draw from international business literature, using the concept of de-internationalization (Turcan, 2013) as a theoretical lens. We identified and reviewed available unobtrusive data such as running records (e.g., mass-media, political and government) as well as episodic and private records (e.g., sector and institutional or organizational records) (Webb et al., 2000). We discuss the findings and put forward a number of pointers for future research.

## **THEORETICAL BACKGROUND**

### *University internationalization*

Increasingly today internationalization becomes an indispensable part of universities' mission statements and strategic plans (Altbach 2004; de Wit 2012; Dewey and Duff 2009; Maringe and Foskett 2010; Stromquist 2007). To date, there are over two hundred international branch campuses worldwide that are awarding degrees (GHE 2014) and this trend is amplified by internationalization trends to the Far East, intra-regional cooperation, and national efforts to establish international education hubs (Lawton and Katsomitros 2012). Knight (2003, p. 2) defines university internationalization at the national/sector/institutional levels as "...the process of integrating an international, intercultural or global dimension into the purpose, functions or delivery of post-secondary education". At the same time, Altbach views internationalization as "...specific policies and programmes undertaken by governments, academic systems and institutions, and even individual departments or institutions to cope with or exploit globalization" (Altbach, 2004, p. 6). Under globalization pressures, internationalization enables universities to develop a "greater international presence" to increase dominance in the international market place (Stromquist 2007, p. 82).

The research on university internationalization is abundant ( Altbach 2004; 2011; Altbach and Night 2007; de Wit 2012; Fielden 2008; Green 2012; Knight 2003; 2004; 2006; Teichler 2004). Considerable research at the micro level focuses on student mobility (OECD 2004; Wächter 2003). The primary areas of interests of these studies are rationales for selecting particular study locations, cultural adaptability of the students, compatibility of the study programs across the regions, regional (European) mobility, development of ERASMUS programs and alike to name a few (see for example, González et al. 2011; Rivza and Teichler 2007). At the macro-level – national higher education system, the focus of research is on

“internationalization at home” (Knight, 2004, 11) or in-ward internationalization (see e.g., Bartell 2003; Friesen 2013; Horta 2009; Jiang and Carpenter 2011; Pfothner et al. 2012; Urbanovic and Wilkins 2013). The primary areas of interest at this level are incorporation of intercultural and international dimensions in the curriculum, teaching, research, extracurricular activities that help the student to develop international and intercultural skill without leaving the country.

Other forms of internationalization, such as transnational education delivered through branch campuses and joint programs, which refer to mezzo-macro levels, are emerging fast. Unlike internationalization research at the micro-level, research at mezzo-macro levels has not received much attention in academic research (Turcan & Gulieva, 2013). The extant studies cover some aspects of branch campus operations, such as quality assurance of the provision of international services (Coleman 2003) and customer (student) satisfaction (Wilkins and Balakrishnan 2011). There is number of case studies examining international education hubs (see Knight and Morshidi 2011; Sidhu et al. 2011). The main topics in focus are the development of these formations, their nature and sustainability, relationships with the local governments, legal frameworks and the nature of subsidies used for their operation.

Yet, the studies discussing the process and challenges of universities’ moving across the borders are very scarce (for exception see Becker 2009; Sidhu 2009; Shams and Huisman 2012). Becker (2009) gives an overview of the peculiarities of branch campus operation, their major characteristics, regional distribution and adopted strategies. Sidhu (2009) conducted a case study of the emergence and subsequent dissolution of branch campuses created by Johns Hopkins University and the University of New South Wales (UNSW) in cooperation with Singaporean government. He disclosed that the primary reason of the failures was not just

fierce local competition with two national Singaporean universities preferred by local population, but a lack of fit in goals and commitment. Shams and Huisman (2012) focused on the similarities between universities setting up branch campuses and multinational enterprises setting up foreign subsidiaries. They developed a conceptual framework that incorporates OLI paradigm and contextualized it for universities. The framework demonstrates the way university's ownership advantages (e.g., a strong research and teaching profile, prestigious brand names, international experience) and local-specific advantages (low saturation of higher educational market, the ability to offer cheaper educational services) influence the university's decision to internationalize (to reap the benefits of the branch campus in comparison to licensing or joint venturing).

University internationalization at mezzo and macro levels is not without pitfalls however; there are discrepancies between university internationalization and reality of significant constraints and challenges on the ground (Altbach 2004; 2011; Altbach and Knight 2007; Foskett 2010; de Wit 2012; CIGE 2012; Gallagher and Garrett 2012; Knight 2004). Examples of withdrawals from international markets started to emerge, e.g., New York University, Michigan State University, Yale University and a number of Australian universities withdrawing from their international operations (Altbach 2011; Ng and Tan 2010; Sidhu 2009; Sharma 2012). International withdrawal or de-internationalization of universities is a phenomenon that received virtually no attention in current scholarly research and policy debates. This might not be surprising since de-internationalization as an area of international business research has also received little consideration from international business scholars (Turcan 2006; 2011; 2013). Here we side with Devinney et al. (2010) who argue that by concentrating single-mindedly on internationalization we ignores a key fact of reality that organizations also de-internationalize with great frequency.

### *University de-internationalization*

We borrow from (Benito and Welch 1997, 9) and define university de-internationalization as “any voluntary or forced actions that reduce a (...) [university’s] engagement in or exposure to current cross-border activities”. Becker (2009) identifies two generic causes of university de-internationalization (branch-campus closures): insufficient market research and sudden changes in the social-political contexts. Among key factors that lead to university de-internationalization as identified by Sidhu (2009) were lack of mutual commitment, incompatibility between the partners, lack of synergy between main home and foreign campuses, failure to higher senior staff to reside in the target country, and difficulties in balancing responsibilities to its international and domestic stakeholders.

Based on available unobtrusive data, we have identified and analyzed a number of cases of university de-internationalization that took place during the last decade; we summarized this evidence in a vignette (see Appendix 1). To identify the emergent patterns of university de-internationalization, we employed the conceptual framework of de-internationalization of a firm (Turcan 2013). This framework is based on two dimensions (Figure 1.a). One dimension represents the life continuum of the firm: success vs. failure, or still in business vs. out of business. Another dimension relates to de-internationalization continuum: total vs. partial. In such a way, the typology includes four quadrants: total and partial de-internationalization with the company staying in business and total and partial de-internationalization with termination of all business activities.

*Insert Figure 1 about here*

Quadrant 1 corresponds with total de-internationalization; firms placed in this quadrant completely withdraw from international markets and focus on domestic markets (Turcan 2013). Applying this theoretical construct to university de-internationalization, we can provide an example of George Mason University, which had to close its branch in Ras Al Khaimah, UAE. Ras Al Khaimah campus was the only cross-border activity practiced by this university. It was interesting to observe that on the current version of George Mason's website there is no trace of description of such cross-border activities. According to official organizational records, George Mason International is focusing on internationalization at home, strives to attract as many foreign students to its main campus in Virginia and arranges a study abroad semester experience for its students at partner universities. Michigan State University which withdrew its operations from Dubai, UAE, and University of New South Wales, which exited from Singapore are in a similar position (Figure 1).

Firms referring to Quadrant 2 de-internationalize only partially and remain active in other foreign markets. A planned for 2014 closure of New York University's campus Tisch Asia fits Quadrant 2. Closing Singaporean branch, New York headquarters put more focus on the activities of the Global Network University operating international branches in Shanghai and Abu Dhabi. Tisch Asia campus was the first foreign branch of New York University, the initiative of creating Global Network University appeared later. University of Waterloo also partially de-internationalized having withdrawn from UAE. Waterloo International today keeps looking for opportunities in UAE, continues internationalizing through partnerships and foreign offices (Hong-Kong office, Sino-Canadian College). Central Queensland University closed its campus in Fiji and restructured its international activities in the period 2006 to 2009. Today it has a single transnational education partner in the delivery of offshore programs, Melior International College in Singapore. Royal Melbourne Institute of

Technology de-internationalized partially, by exiting Malaysia, and establishing later on two branch campuses in Vietnam.

Quadrant 4 is similar to Quadrant 1, as it also represents a state of total de-internationalization. However, in this case a withdrawal from a foreign market is accompanied by a termination of all firm's operations (Turcan 2013); it represents an extreme case of total de-internationalization. Among the identified cases of university de-internationalization examples of extreme cases were not identified. Overall, using the conceptual framework of de-internationalization of a firm (Turcan 2003, 2006), we found that cases of university withdrawal most commonly fit Quadrant I – total de-internationalization with switching focus to the domestic market; and Quadrant 2 – partial de-internationalization remaining active on other foreign markets.

## DISCUSSION

The analysis of available unobtrusive data led to the emergence of a number of factors that forced universities to withdraw from their international markets or de-internationalize. These are: low student enrolment, wrong assumptions, bandwagon effect, staff *immobility*, lack of adaptability, brand identity, and funding issues. *Low student enrolment* is generally named as the primary official explanation of university withdrawal from the foreign market. For example, George Mason University's, Michigan State University's, University of Waterloo's exits from UAE, and University of New South Wales' exit from Singapore were explained by low numbers in student enrolment (Becker 2009; Mills 2009a,b; OBHE 2007a,b; 2009). Indeed, low student enrolment might be the visible cause for university de-internationalization. However, the data point to low student enrolment being an effect of *wrong assumptions* about the selection of a target market, of the level of tertiary education



(quite often provision of bachelor degree education), of the language proficiency and high entry standards, of paying abilities of the local population, and of high level of tuition fees. It emerges that internationalizing universities do not differentiate substantially between education approaches at home and at the branch, drawing out on familiar assumptions, and ignoring the existence of substantial differences on the ground.

*Lack of adaptability* is another finding that emerged in the data analyses. There emerged an issue related to the curriculum taught at the branch and its *irrelevance* for the local industry. Presence of the local industries that are able to employ the new graduates is an important condition for teaching a particular program/subjects at a branch; however, this condition is not always fulfilled (Sharma 2012). *Staff immobility* emerged as another issue that influences universities' decisions to de-internationalize. For example, in several cases, like Michigan State University in UAE and Tisch Asia in Singapore, universities realized, upon opening a branch campus abroad, that their own academic staff is reluctant to relocate and/or travel to the branch and that the branch administration opposes to hire local academics (Schlanger 2013). Hence, staffing issues undermine the value of the study experience at the branch and cause difficulties in running the branch institution.

*Bandwagon effect* is a result of host countries' attractive incentives, modern infrastructure and friendly environment that attract universities to enter these countries. Entering these markets – jumping on a train – creates highly saturated international educational hubs like UAE and Singapore. However, high concentration of branch campuses in a country leads to growing competition, and cannibalization (from the state point of view) of new educational offers.

*Financial issue* is another often cited cause (Lewin 2009; Redden 2013; Reisberg 2012; Schlanger 2013). Equity entry strategies such as branch campus establishment through a greenfield investment are associated with a high cost. Relying on the students as the major source of income, the universities that experience low enrollment numbers run into budget deficits. But sharing a cost and entering through a joint venture with the local government or accepting subsidies from the state is also a tricky terrain. On the one hand support from the local government and covering start-up costs are promising, on the other hand it is a potential danger as there are incidents of serious disagreements concerning post start-up funding, heightened requirements for commitment and unrealistic expectations (Bradshaw 2012; Sharma 2012; Teng 2013).

*Branch campus identity* is another factor influencing the success of international efforts of universities. It emerged that on the ground stakeholders expect authentic delivery of higher education products and services on the assumption that the branch, carrying the name of the foreign university, is no inferior to the mother organization. Factors such as financial resources allocated for the branch development, staff immobility and the time factor do not allow developing and nurturing an authentic full-scale study experience at a branch from day one. This leads to, as in the case of George Mason and Michigan State Universities closures in UAE, limited options for courses and extra-curricular activities as well as limited capacity to provide an array of academic programs and students services at the branch (Reisberg 2012), jeopardizing the authenticity of the study experience.

## **CONCLUSION AND FUTURE RESEARCH DIRECTIONS**

In this paper we aimed to advance our understanding of university withdrawal from international markets. This paper should be seen as among the first attempts to investigate this

phenomenon. Our interest in this research is driven on one hand by recent high failure rates in university internationalization as well as recent withdrawals of universities from international markets. On the other, by lack of research that would investigate how and why universities de-internationalize. We advocate for more qualitative, ethnographic research in order to explore this phenomenon further. We further suggest researchers combine various indicators of university governance and university autonomy at home and in the host countries in order to fully appreciate internationalization and de-internationalization processes of universities at mezzo and macro levels. More often than not, the university autonomy settings at home and abroad are incompatible, raising the question whether outward internationalization is actually ethical. In dealing with such incompatibility, internationalizing universities find themselves in a Catch-22 situation, or what we call – ethical dilemma (Turcan and Gulieva 2013). That is, will universities develop a different set of ethical standards for the target country or will they insist on adopting own ethical standards in that country (see e.g., Sidhu 2009). Thus we conjecture that the international activity of university and its sustainability is dependent on university autonomy settings at home and in host countries. Investigating such relationships, as well as learning not only from successes but also from failures will allow researchers, practitioners and policy makers to augment current and develop future, more competitive strategies and policies to support the internationalization of higher education.

## REFERENCES

- Altbach, P. (2011). The Branch Campus Bubble, *Inside Higher Education*. URL: [http://www.insidehighered.com/views/2011/07/15/essay\\_on\\_the\\_challenges\\_facing\\_international\\_branch\\_campuses](http://www.insidehighered.com/views/2011/07/15/essay_on_the_challenges_facing_international_branch_campuses), accessed June 2013.
- Altbach, P. G. (2004). Globalisation and the university: Myths and realities in an unequal world. *Tertiary Education & Management*, 10(1), 3-25.
- Altbach, P. G. and Knight, J. (2007). The internationalization of higher education: Motivations and realities. *Journal of studies in international education*, 11(3-4), 290-305.
- Bartell, M. (2003). Internationalization of universities: A university culture-based framework. *Higher Education*, 45(1), 43-70.
- Becker, R. F.J. (2009). International Branch Campuses: Markets and Strategies, *London: Observatory on Borderless Higher Education (OBHE)*.
- Benito, G. R., Petersen, B. and Welch, L. S. (2009). Towards more realistic conceptualisations of foreign operation modes. *Journal of International Business Studies*, 40(9), 1455-1470.
- Bennett, R. and Kane, S. (2011). Internationalization of UK University Business Schools A Survey of Current Practice. *Journal of Studies in International Education*, 15(4), 351-373.
- Bradshaw, J. (2012). University of Waterloo closes Dubai campus, *the Globe and Mail*, November 9, URL: <http://www.theglobeandmail.com/news/national/education/university-of-waterloo-closes-dubai-campus/article5173582/>, accessed December, 2013.
- Center for Internationalization and Global Engagement (CIGE) (2012). *Mapping internationalization on US campuses: 2012 edition*. American Council on Education.
- Coleman, D. (2003). Quality assurance in transnational education. *Journal of Studies in International Education*, 7(4), 354-378.
- De Wit, H. (2012). Internationalisation in higher education – Rhetoric versus reality. *University World News Global Edition*, 231. URL: <http://www.universityworldnews.com/article.php?story=20120718152610930>, accessed May 2013.
- Devinney, T. M., Pedersen, T., and Tihanyi, L. (2010). The Past, Present and Future of International Business & Management, *Advances in International Management*, 23, 33-41.
- Dewey, P. and Duff, S. (2009). Reason before passion: Faculty views on internationalization in higher education. *Higher Education*, 58(4), 491-504.
- Fielden, J. (2008). *The Practice of Internationalization: Managing International Activities in UK Universities*. UK Higher Education International Unit.
- Fischer, K. (2013). Program Closures in Singapore Suggest 'Maturation' of Its Ambitions, *The Chronicle of Higher Education*, May 24, URL: <http://chronicle.com/article/Program-Closures-in-Singapore/139475/>, accessed October 2013.
- Foskett, N. (2010). Global markets, national challenges, local strategies: The strategic challenge of internationalization. *Globalization and internationalization in higher education: Theoretical, strategic and management perspectives*, 36-50.
- Friesen, R. (2013). Faculty Member Engagement in Canadian University Internationalization A Consideration of Understanding, Motivations and Rationales. *Journal of Studies in International Education*, 17(3), 209-227.
- Gallagher, S. and Garrett, G. (2012). From university export to the multinational university: The internationalization of higher education in Australia and the United States. *US*

- [http://ussc.edu.au/ussc/assets/media/docs/publications/120801\\_MNUdraft\\_GallagherGarett.pdf](http://ussc.edu.au/ussc/assets/media/docs/publications/120801_MNUdraft_GallagherGarett.pdf), accessed: May 2013.
- Global Higher Education (GHE) (2014). *Branch campus listing*. URL: [www.globalhighered.org/branchcampuses.php](http://www.globalhighered.org/branchcampuses.php), accessed January 2014.
- González, C. R., Mesanza, R. B., and Mariel, P. (2011). The determinants of international student mobility flows: an empirical study on the Erasmus programme. *Higher Education*, 62(4), 413-430.
- Green, M. F. (2012). Measuring and assessing internationalization. *NAFSA: Association of International Educators*. URL: [https://www.blog.nafsa.org/uploadedFiles/NAFSA\\_Home/Resource\\_Library\\_Assets/Publications\\_Library/Measuring%20and%20Assessing%20Internationalization.pdf](https://www.blog.nafsa.org/uploadedFiles/NAFSA_Home/Resource_Library_Assets/Publications_Library/Measuring%20and%20Assessing%20Internationalization.pdf), accessed February 2014.
- Hare, J. (2013). NYU's campus failure rings alarm bells, *The Australian*, February 13, URL: <http://www.theaustralian.com.au/higher-education/nyus-campus-failure-rings-alarm-bells/story-e6frgcjx-1226576512147>, accessed November 2013.
- Horta, H. (2009). Global and national prominent universities: Internationalization, competitiveness and the role of the state. *Higher Education*, 58(3), 387-405.
- Hughes, R. (2011). Strategies for managing and leading an academic staff in multiple countries. *New Directions for Higher Education*, 2011(155), 19-28.
- ICEF Monitor (2013). International branch campuses: this is the year to hit “pause” before “go”, URL: <http://monitor.icef.com/2013/01/international-branch-campuses-this-is-the-year-to-hit-pause-before-go/>, accessed October, 2013.
- Jiang, N. and Carpenter, V. (2013). A case study of issues of strategy implementation in internationalization of higher education. *International Journal of Educational Management*, 27(1), 4-18.
- Karram, G. (2012). Branch campuses produce business leaders, not research, *University World News Global Edition*, 252, 16 December, URL: <http://www.universityworldnews.com/article.php?story=20121210164522235>, accessed December, 2013.
- Knight, J. (2003). Updating the definition of internationalization, *International Higher Education* 33, 2-3.
- Knight, J. (2004). Internationalization remodeled: Definition, approaches, and rationales, *Journal of Studies in International Education*, 8(1), 5-31.
- Knight, J. (2006). Crossborder Education: An Analytical Framework for Program and Provider Mobility. In J. Smart and B. Tierney (eds.). *Higher Education Handbook of Theory and Practice*. Springer, Dordrecht, Netherlands.
- Knight, J. and Morshidi, S. (2011). The complexities and challenges of regional education hubs: focus on Malaysia. *Higher Education*, 62(5), 593-606.
- Lewin, T. (2009). George Mason University, Among First With an Emirates Branch, Is Pulling Out, *The New York Times*, March 1, URL: [http://www.nytimes.com/2009/03/01/education/01campus.html?\\_r=0](http://www.nytimes.com/2009/03/01/education/01campus.html?_r=0), accessed December 2013.
- Mahani, S. and Molki, A. (2011). Internationalization Of Higher Education: A Reflection On Success And Failures Among Foreign Universities In The United Arab Emirates, *Journal of International Education Research (JIER)* 7(3), 1-8.
- Maringe, F. and Foskett, N. (Eds.) (2010). Globalization and Internationalization in Higher Education Theoretical, *Strategic and Management Perspectives*. Continuum.

- Mills, A. (2009a). George Mason University will close its campus in the Persian Gulf, *the Chronicle of Higher Education*, February 27. URL: [www.chronicle.com/article/George-Mason-U-Will-Close-Its/1556/](http://www.chronicle.com/article/George-Mason-U-Will-Close-Its/1556/), accessed December 2013.
- Mills, A. (2009b). Failure of George Mason University's Persian Gulf campus sparks concern about overseas ventures, *The Chronicle of Higher Education*, March 6, URL: [www.chronicle.com/article/Failure-of-George-Mason-Us/1566/](http://www.chronicle.com/article/Failure-of-George-Mason-Us/1566/), accessed December 2013.
- Ng, P. T. and Tan, C. (2010). The Singapore Global Schoolhouse: An analysis of the development of the tertiary education landscape in Singapore. *International Journal of Educational Management*, 24(3), 178-188.
- OBHE (2005). Staying ahead of the game? Warwick University's plan to become an international hub. *Observatory of Higher Education*. URL: [www.obhe.ac.uk/documents/download?id=160](http://www.obhe.ac.uk/documents/download?id=160), accessed November 2013.
- OBHE (2007a). "Reversal of a trend? Australian universities withdraw from off-shore teaching," URL: [www.obhe.ac.uk/documents/download?id=173](http://www.obhe.ac.uk/documents/download?id=173), accessed December 2013.
- OBHE (2007b). "A miscalculated level of risk? UNSW Asia announces its unexpected closure," June, URL: [http://www.obhe.ac.uk/documents/2007/Articles/A\\_miscalculated\\_level\\_of\\_risk\\_UNSW\\_Asia\\_announces\\_its\\_unexpected\\_closure](http://www.obhe.ac.uk/documents/2007/Articles/A_miscalculated_level_of_risk_UNSW_Asia_announces_its_unexpected_closure), accessed November 2013.
- OBHE (2009). "Moving out, moving on? US-based George Mason University becomes the first institution to withdraw from the UAE," March, URL: [http://www.obhe.ac.uk/documents/view\\_details?id=742](http://www.obhe.ac.uk/documents/view_details?id=742), accessed December 2013.
- OECD (2004). *Internationalisation and Trade in Higher Education: Opportunities and Challenges*, OECD Publishing. doi: 10.1787/9789264015067-en
- Olds, K. (2009). Collapsing branch campuses: time for some collective action? *Globalhighered.wordpress.com*, URL: <http://globalhighered.wordpress.com/2009/03/09/collapsing-branch-campuses-time-for-some-collective-action/>, accessed October, 2013.
- OnCorp Direct (2013). Competition Among Universities Within The Global Market, February 1, URL: <http://blog.oncorp.com/legal-news-20130201-competition-among-universities-within-global-market.html>, accessed November 2013.
- Pfotenhauer, S. M., Jacobs, J. S., Pertuze, J. A., Newman, D. J., and Roos, D. T. (2012). Seeding Change through International University Partnerships: The MIT-Portugal Program as a Driver of Internationalization, Networking, and Innovation. *Higher Education Policy*, 26(2), 217-242.
- Redden, E. (2013). Going It Alone No Longer, *Inside Higher Ed*, November 1, URL: <http://www.insidehighered.com/news/2013/11/01/george-mason-turns-corporate-partner-grow-international-enrollments-and-programs>, accessed November 2013.
- Reisberg, L. (2012). Here we go again! *Inside Higher Ed*, November 14, URL: <http://www.insidehighered.com/news/2012/11/06/george-mason-moves-ahead-south-korea-campus>, accessed November 2013.
- Rivza, B. and Teichler, U. (2007). The changing role of student mobility. *Higher Education Policy*, 20(4), 457-475.
- Ruby, A. (2010). Thinking About a Branch Campus? Think Twice, *The Chronicle of Higher Education*, Mar 21, URL: <http://chronicle.com/article/Thinking-About-a-Branch/64741/>, accessed October, 2013
- Schlanger, Z. (2013). Anatomy Of A Failed Campus: What Happened At Tisch Asia? *NYU Local*, March 5, URL: <http://nyulocal.com/on-campus/2013/03/05/anatomy-of-a-failed-campus-what-happened-at-tisch-asia/>, accessed November 2013.

- Shams, F. and Huisman, J. (2012). Managing offshore branch campuses: An analytical framework for institutional strategies. *Journal of Studies in International Education*, 16(2), 106-127.
- Sharma, Y. (2012). US branch campus demise is a cautionary tale for Asian ambitions, *University World News Global Edition*, 248, November 16.
- Sidhu, R. (2009). The 'brand name' research university goes global, *Higher Education*, 57(2), 125-140.
- Sidhu, R., Ho, K. C., and Yeoh, B. (2011). Emerging education hubs: The case of Singapore. *Higher Education*, 61(1), 23-40.
- Stromquist, N. P. (2007). Internationalization as a response to globalization: Radical shifts in university environments. *Higher Education*, 53(1), 81-105.
- Teichler, U. (2004). The changing debate on internationalization of higher education. *Higher Education*, 48, 5-26.
- Teng, A. (2013). Students, alumni's petition against Tisch's closure, *Asia One Advantage*, February 10, URL: <http://www.edvantage.com.sg/content/students-alumni-petition-against-tischs-closure>, accessed November 2013.
- Turcan, R. V. (2006). De-internationalisation of Small High-technology Firms: an International Entrepreneurship Perspective, *PhD dissertation, Glasgow: University of Strathclyde*.
- Turcan, R. V. (2011). Toward a Theory of International New Venture Survivability, *Journal of International Entrepreneurship*, 9(3), 213-232.
- Turcan, R. V. (2013). The philosophy of turning points: A case of de-internationalization, *Advances in International Management*, 26, 219-235.
- Turcan, R. V. and Gulieva, V. (2013). Exploring the relationship between university internationalization and university autonomy: Toward a theoretical understanding. Paper presented at 39th EIBA Conference on 'Transnational firms, markets and institutions: New challenges and opportunities for international business', University of Bremen, Bremen, Germany.
- Urbanovič, J. and Wilkins, S. (2013). Internationalisation as a Strategy to Improve the Quality of Higher Education in Small States: Stakeholder Perspectives in Lithuania. *Higher Education Policy*, 1-24.
- Wächter, B. (2003). An introduction: internationalisation at home in context, *Journal of Studies in International Education*, Vol. 7, No. 1, pp. 5-11.
- Webb, E. J. (Ed.). (2000). *Unobtrusive measures* (Vol. 2). Sage.
- Wilkins, S. & Balakrishnan, M. S. (2013). Assessing student satisfaction in transnational higher education. *International Journal of Educational Management*, 27(2), 143-156.
- Wilkins, S. and Huisman, J. (2011). Student recruitment at international branch campuses: can they compete in the global market?. *Journal of Studies in International Education*, 15(3), 299-316.
- Yung, A. and Sharma, Y. (2013). Demise of branch campuses exposes reliance on government subsidies, *University World News Global Edition*, 255, January 19.

## **Appendix 1: Recent evidence of university de-internationalization**

Within the last decade at least 11 branch campuses created by well-resourced institutions have closed (GHE, 2014). Some others decided against establishing a branch campus abroad. To name the most prominent cases, George Mason University, University of Waterloo, Michigan State University and University of Southern Queensland closed their campuses in UAE; University of New South Wales closed its campus in Singapore and New York University announced withdrawal of its respective campus there for 2014; Bond University (Australia) and De Montfort University (UK) withdrew from South Africa; Royal Melbourne Institute of Technology exited from Malaysia (Altbach 2011; GHE 2014; ICEF Monitor 2013; Ng and Tan 2010; Olds 2009; Sidhu 2009).

In 2005, after a long evaluation process and a series of debates, the UK's Warwick University decided against proceeding with its plans to establish a branch campus in Singapore and declined a generous offer made by the local government (OBHE 2005). After an eight-month feasibility study was undertaken, in addition to issues of financial risks and legal responsibilities, it raised concerns over the state of human rights and academic freedom in Singapore. According to the Financial Times, "Singapore requires international educational institutions operating in the city-state to agree not to conduct activities seen as interference in domestic affairs." Despite the relatively positive financial forecast for the project, the academic community appeared to be against establishing a branch campus.

University of New South Wales closed its branch campus in Singapore, which was considerably sponsored by the local government, after only four months of operation (OBHE 2007a). The unexpected closure was largely explained by weak enrollment projections, which reportedly made the institution financially unsustainable (OBHE 2007b). UNSW branch in Singapore was Asia's first foreign comprehensive university and was originally designed to accommodate 15,000 students by 2020. After enrolling 148 students during the inaugural semester, instead of the planned 300, the stakeholders took a quick decision to close the operation due to lacking demand (Yung and Sharma 2013).

In 2009, George Mason University pulled out of the UAE without producing a single graduate after three years of developing a full degree-granting campus in the Ras-Al-Khaimah province (OBHE 2009). Unfavorable location, poor planning leading to a failure to finish the campus buildings on time, limited curriculum, slow enrollment growth and poor communication with



the local government, causing disagreements concerning the funding levels are named among the reasons that stimulated the closure of the campus (Becker 2009; Mills 2009a,b).

University of Waterloo closed its UAE campus in 2012 after three years of operation (Bradshaw 2012). The official reasons named are failure of the curriculum to be as lucrative as expected that led to slow enrollment growth and financial uncertainty and an unsustainable business model, focusing on undergraduate education (Karram 2012). However, despite this closure, Waterloo International keeps looking for opportunities in UAE and continues internationalizing through partnerships and foreign offices in China (OnCorp Direct 2013).

The latest case of university withdrawal from a foreign market is closure of Tisch Asia (a branch of New York University in Singapore) planned for the second half of 2014 (Schlanger 2013). This case was widely discussed in the press and among the factors leading to the decision for closure were: financial challenges and problems associated with reduction of subsidies granted by the hosting government, reluctance of the branch to hire local academics, slow enrollment growth caused extra-high tuition fees and lack of supportive (creative) industries and internal issues, such as disagreements between the headquarters and the branch about operation issues (Hare 2013; Sharma 2012).

News periodicals and reports by Observatory of Higher Education (OBHE) publish some information and condensed reports on branch campus closures; however, the empirical analysis of the reasons behind market withdrawals makes a gap in academic literature on university internationalization (cf. Fischer 2013; Mahani and Molki 2011; OBHE 2007a, b; Ruby 2010). Most commonly, enrollment issues, change in operational conditions, and regulatory change are named as the causes of university withdrawals (Altbach 2011).

**Figure 1: University de-internationalization**

		De-internationalization continuum	
		Total	Partial
Life continuum	Still in Business	<b>I</b> George Mason University Michigan State University University of New South Wales	<b>II</b> Central Queensland University Tisch Asia by New York University University of Waterloo Royal Melbourne Institute of Technology
	Out of Business	<b>IV</b> Not identified	<b>III</b> Non-empirical cell

Source: derived from Turcan 2013